

FILE NOTATIONS

Entered in NID File

✓

Entered On S R Sheet

✓

Location Map Pinned

✓

Card Indexed

✓

IWR for State or Fed Land

Checked by Chief

✓

Copy NID to Field Office

✓

Approval Letter

✓

Disapproval Letter

COMPLETION DATA

Date Well Completed

2-18-59

Location Inspected

OW

✓

WV

TA

Boundaries and

State of Fed Land

GW

OS

FA

LOGS FILED

Driller's Log

3-18-59

Electric Logs (No.)

3

E

I

E-I

✓

GR

GR-N

✓

Micro

Lat

M-L

Sonic

Others

Temperature Survey

X		

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency

Window Rock

Allottee Navajo

Lease No. 14-20-603-372

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	X	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF REDRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

21 January, 1959

Well No. C #22-5 is located 2056 ft. from ^[N]~~xx~~ line and 1997 ft. from ^[EX]~~[W]~~ line of sec. 5

SE NW Sec 5
(¼ Sec. and Sec. No.)

41S
(Twp.)

25E
(Range)

SLBM
(Meridian)

McElmo Creek
(Field)

San Juan
(County or Subdivision)

Utah
(State or Territory)

The elevation of the ~~top of the casing~~ above sea level is 4744 ft. Graded Ground.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Propose to drill well to test Paradox formation to a depth of approximately 5800'.

Will set 8-5/8" surface pipe to approximately 1200'. Will circulate cement to surface.

Will set 5½" casing through any commercial production encountered.

Verbal approval to drill subject well obtained on 21 January 1959.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Superior Oil Company

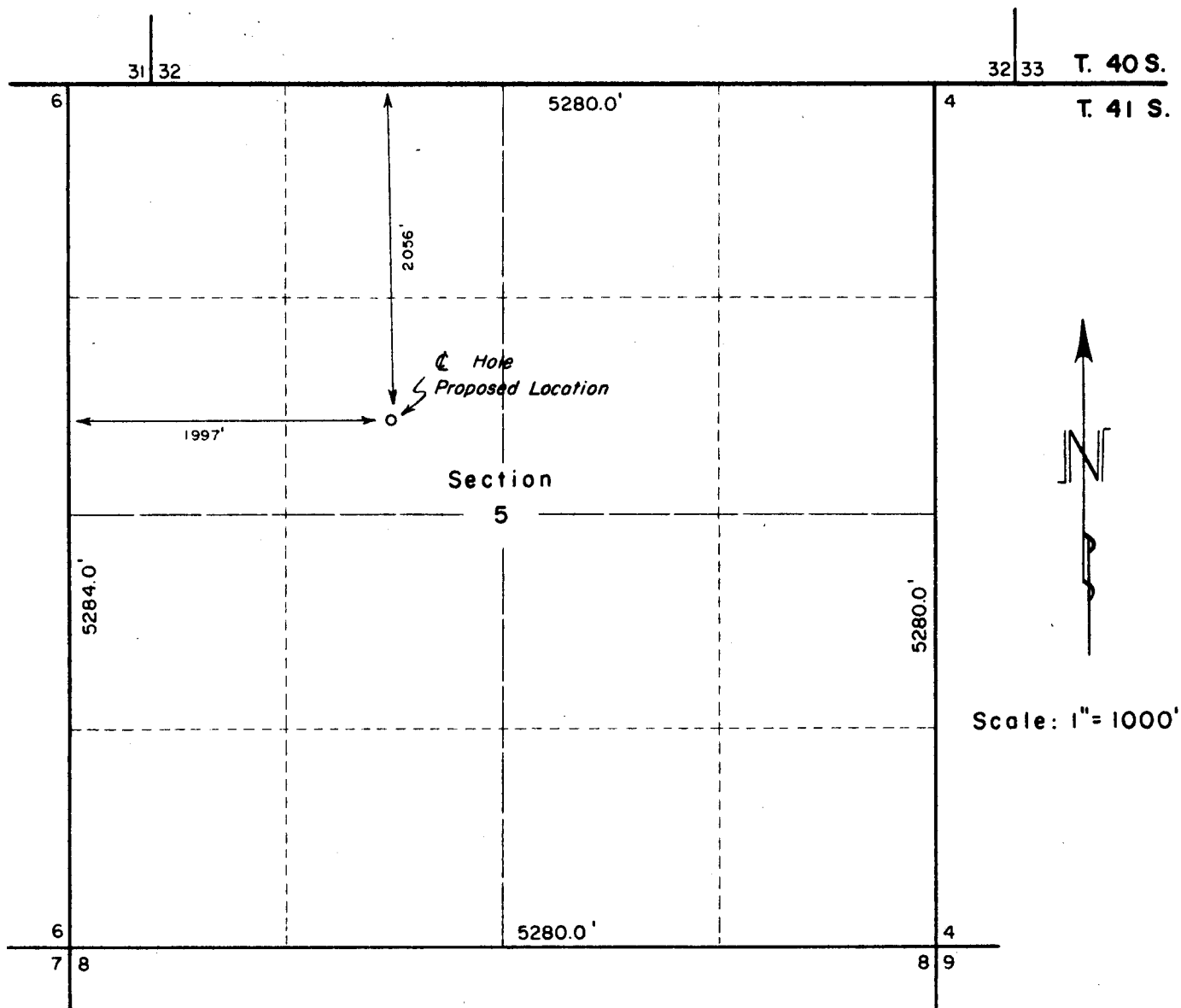
Address P. O. Box 276

Cortez, Colorado

By *G. Bannantine*
G. Bannantine

Title Petroleum Engineer

CERTIFICATE OF SURVEY



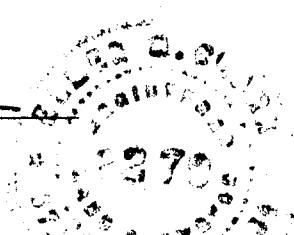
WELL LOCATION: Superior Oil Co.—Navajo "C" No. 22-5

Located 2056 feet South of the North line and 1997 feet East of the West line of Section 5.
 Township 41 South Range 25 East Salt Lake Meridian
 San Juan County, Utah
 Existing ground elevation determined at 4750 feet.

I hereby certify the above plat represents a survey made under my supervision and is accurate to the best of my knowledge and belief.

Elmer M. Clark

ELMER M. CLARK
 Registered Land Surveyor
 State of Colo. (No. 2279)



PLANET ENGINEERS, INC.
 Durango, Colorado
 OCTOBER 7, 1958

January 22, 1959

The Superior Oil Company
P. O. Box 276
Cortez, Colorado

Attention: G. Bannantine, Petroleum Engineer

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Navajo C 22-5, which is to be located 2056 feet from the north line and 1997 feet from the west line of Section 5, Township 41 South, Range 25 East, SLEM, San Juan County, Utah.

Please be advised that insofar as this office is concerned, approval to drill said well is hereby granted.

This approval terminates within 90 days if the above mentioned well is not spudded in within said period.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
EXECUTIVE SECRETARY

CBF:co

cc: Phil McGrath, Dist. Eng.
USGS, Farmington,
New Mexico



Dallas: RI-2-2421
Midland: MU-2-5522
OX-4-5256
Conroe: PL-6-4232

Farmington, New Mexico:
DA-5-6817
DA-5-8476

DALLAS, TEXAS
POST OFFICE BOX 10185

February 20, 1959

The Superior Oil Company
Post Office Box 3015
Cortez, Colorado

Subject: Temperature Survey
Navajo "C" No. 22-5 Well
Aneth Field
San Juan County, Utah
Our File No. 7-244 T

Gentlemen:

On February 17, 1959, a temperature survey was made in subject well, Aneth Field, San Juan County, Utah.

The data obtained from this testing operation are presented in both tabular and graphical form on the following page.

It is our pleasure to be of service to you. Call again whenever we can be of any assistance.

Very truly yours,

DENNIS OWENS COMPANY

Farrest Tefteller
ea

Farrest Tefteller

FT:ea
Attachment

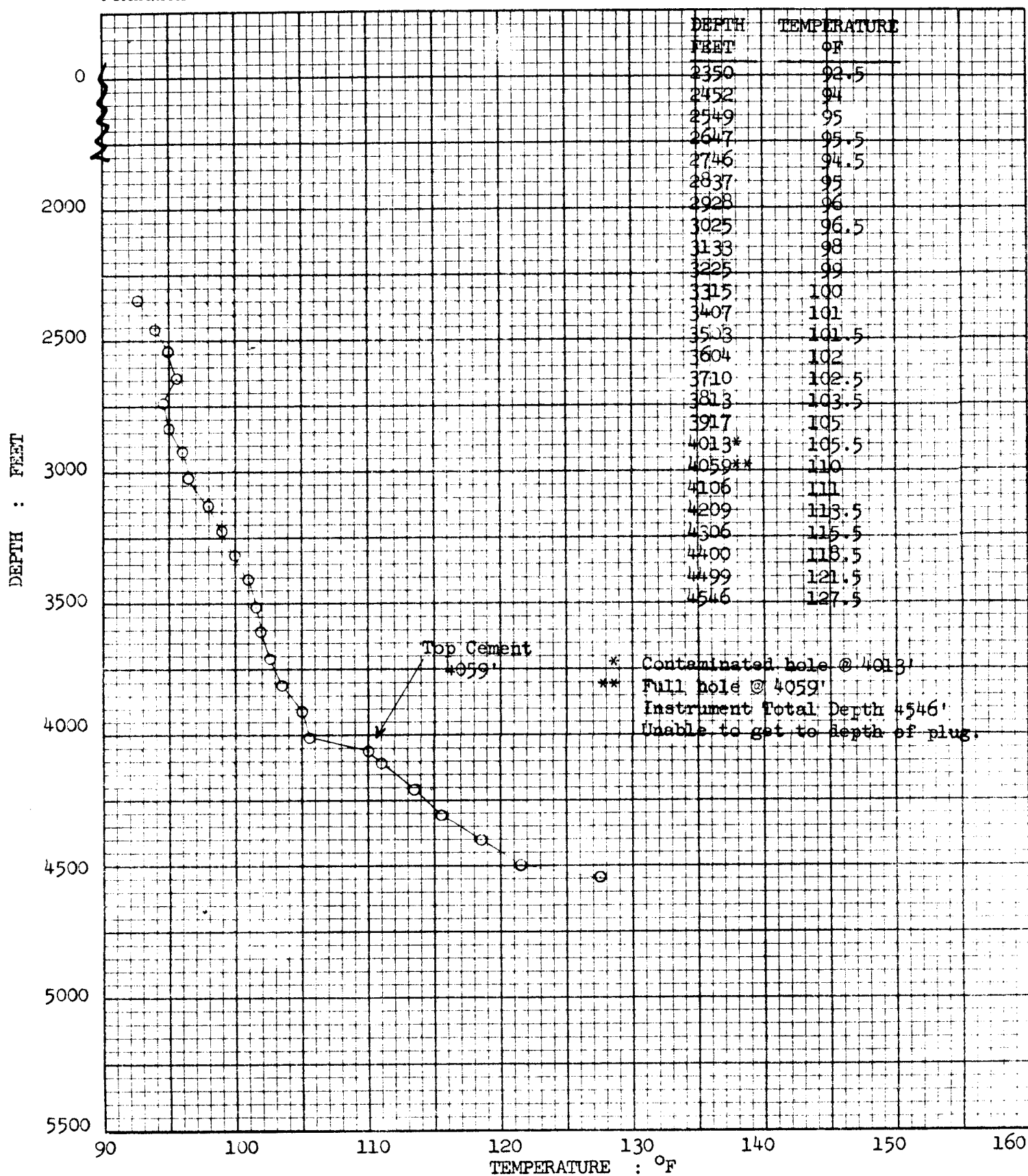
TEMPERATURE SURVEY



Page 1 of 1
File 7-244 T

DALLAS, TEXAS

Company THE SUPERIOR OIL COMPANY Lease NAVAJO "C" Well No. 22-5
Field ANETH County SAN JUAN State UTAH
Formation PARADOX Test Date FEBRUARY 27, 1959



	X	5	

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency _____
Window Rock
Allottee Navajo
Lease No. 14-20-603-372

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	X
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

March 12, 1959

Well No. C 22-5 is located 2056 ft. from ^N~~X~~ line and 1997 ft. from ^{EX}~~W~~ line of sec. 5

SE NW Sec. 5 41S 25E SLM
(4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
McElmo creek San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ^{graded ground}~~drill floor~~ above sea level is 4744 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

spudded: January 26, 1959

Completed: March 6, 1959

T.D.: 5790' P.B.T.D.: 5722'

Casing: 8-5/8", 24# surface pipe cemented at 1202' with 400 sacks.
5-1/2", 14# & 15.50# production string cemented at 5790'
with 300 sacks.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Superior Oil Company

Address P.O. Box 276
Cortez, Colorado

By *D. D. Kingman*
D.D. Kingman
Title Engineer

THE SUPERIOR OIL CO.

P. O. Box 276

Cortez, Colorado

March 12, 1959

United States Geological Survey
P.O. Box 965
Farmington, New Mexico

Dear Sirs:

Attached are The Supplementary Well History,
Log of Oil or Gas Well, and Schlumberger Logs on our
Navajo "C" #22-5 well located in section 5, T41S-R25E,
San Juan County, Utah.

Yours truly,

The Superior Oil Company

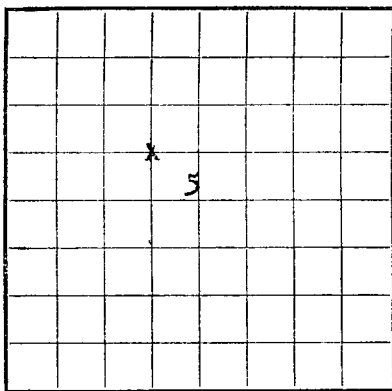


D.D. Kingman
Petroleum Engineer

DDK:jtg
cc: The State of Utah
Oil & Gas Conservation Commission
310 Newhouse Building
Salt Lake City, Utah

W.H. Fraser
file

MAILED
MAR 12 1959

U. S. LAND OFFICE Santa FeSERIAL NUMBER 14-20-603-372LEASE OR PERMIT TO PROSPECT Navajo

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company The Superior Oil Company Address P.O. Box 276, Cortez, Colorado
Lessor or Tract Navajo "C" Field McElmo Creek State Utah
Well No 22-5 Sec. 5 T. 41S R. 25E Meridian SLM County San Juan
Location 2056 ft. N. of N. Line and 1927 ft. E. of W. Line of Section 5 Elevation 4759 ^{ft.} _(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed

R. D. Pingman

Date March 13, 1959Title Engineer

The summary on this page is for the condition of the well at above date.

Commenced drilling January 26, 1959 Finished drilling February 18, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5422' to 5546' No. 4, from _____ to _____
No. 2, from 5553' to 5745' No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8-5/8"	11.2	3	API	1020'			5556'	5586'	Surface production
5-1/2"	11.2	3	API	5290'			5595'	5602'	
							5616'	5632'	
							5660'	5712'	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	1202'	100	circulated to surface		
5-1/2"	5790'	300	pump & plug		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set
 Adapters—Material Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from ~~surface~~ feet to **5790** feet, and from feet to feet
 Cable tools were used from feet to feet, and from feet to feet

DATES

....., 19..... Put to producing ~~March 6~~ **March 6**, 19**59**
 The production for the first 24 hours was ~~1044~~ **99.2** barrels of fluid of which ~~99.2~~ **99.2** % was oil; %
 emulsion; ~~0.8~~ **0.8** % water; and % sediment. Gravity, °Bé. ~~40.40~~ **40.40**
 If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas
 Rock pressure, lbs. per sq. in.

EMPLOYEES

~~The Superior Oil Company~~, Driller Driller
~~Rig #26~~, Driller Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Electric Log Tops:			
		De Chelly	2677'
		Organ Rock	2788'
		Hermosa	4600'
		UBB	5422'
		Paradox Shale	5546'
		LBB	5553' (-794')
		Chimney Rock Shale	5745'
		Total Depth	5790'
FROM—	TO—	TOTAL FEET	FORMATION

FORMATION RECORD—CONTINUED

2281 6 1 11 AM

91

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN T
(Other instructions
reverse side)

ATE*
a re-

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.
14-20-603-372

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

McKillo Creek Unit

8. FARM OR LEASE NAME

Navajo 'C'

9. WELL NO.

40-14

10. FIELD AND POOL, OR WILDCAT

McKillo Creek

11. SEC., T., R., M., OR B.L.K. AND
SURVEY OR AREA

SE NW Sec. 5, T41S, R25E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

1. OIL ☒ GAS ☐ OTHER ☐
WELL WELL

2. NAME OF OPERATOR

The Superior Oil Company

3. ADDRESS OF OPERATOR

P. O. Drawer 'G', Cortez, Colorado

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

**SE NW Section 5, T41S, R25E
San Juan County, Utah**

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4766' KB L & S

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON* ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) **Conversion to Water Injection** ☒
(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT* ☐

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

**1-4-64 Ran Lane Wells BOCL Packer on 2-7/8", 6.5#, RUE tubing to 5551'.
Set packer at 5547' with 16,000#.**

18. I hereby certify that the foregoing is true and correct

SIGNED **C. R. WALLER**

TITLE **Production Engineer**

DATE **March 2, 1964**

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

CRW/njh

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-372

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

McElmo Creek Unit

8. FARM OR LEASE NAME

McElmo Creek Unit

9. WELL NO.

MCU Well #0-14

10. FIELD AND POOL, OR WILDCAT

McElmo Creek Field

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

SE NW 5, 41S/25E

12. COUNTY OR PARISH 13. STATE

San Juan

Utah

1. OIL WELL ☐ GAS WELL ☒ OTHER Water Injection

2. NAME OF OPERATOR

THE SUPERIOR OIL COMPANY

3. ADDRESS OF OPERATOR

P.O. Drawer "G", Cortez, Colorado 81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface

2056' FNL & 1997' FWL Sec 5, T41S/R25E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4759 K.B.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Notice of intent to recompleate MCU Well #0-14 for the purpose of eliminating communication between Desert Creek Zones I & II.

All perfs will be squeeze off with 500 sacks cement. The upper 4' of Zone II (5660-64) will be perf'd, acidized and squeezed with 100 sacks cement.

Zone I will be perf'd 5556-86 and 5608-32 with 2 jets per foot.
5608-32 will be treated with 5000 gal 28% acid.
5556-86 will be treated with 5000 gal 28% acid.

Zone II interval will be perf'd 5668-5712 with 2 jets per foot, and treated with 4000 gal 28% acid.

A packer will be set at 5650 with flow regulators spaced to control injection into Zones I & II separately.

18. I hereby certify that the foregoing is true and correct

SIGNED

D. D. KINGMAN

TITLE

DISTRICT ENGINEER

DATE 2/23/70

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

OGC/gb

*See Instructions on Reverse Side

cc: State, USGS, Franques, Broussard, Hurlbut, File

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN 1 _____ CATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Water Injection Well</u>		5. LEASE DESIGNATION AND SERIAL NO. <u>14-20-603-372</u>
2. NAME OF OPERATOR <u>The Superior Oil Company</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME <u>Navajo</u>
3. ADDRESS OF OPERATOR <u>P. O. Drawer 'G', Cortez, Colorado 81321</u>		7. UNIT AGREEMENT NAME <u>McElmo Creek Unit</u>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) <u>At surface</u> <u>2056' FNL & 1997' FWL, Sec. 5, T41S, R25E, SLM</u>		8. FARM OR LEASE NAME <u>McElmo Creek Unit</u>
14. PERMIT NO.		9. WELL NO. <u>MCU #0-14</u>
15. ELEVATIONS (Show whether DF, RT, GR, etc.) <u>4759' KB</u>		10. FIELD AND POOL, OR WILDCAT <u>McElmo Creek Field</u>
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <u>SE NW Sec. 5, T41S, R25E</u>
		12. COUNTY OR PARISH <u>San Juan</u>
		13. STATE <u>Utah</u>

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
(Other) ☐

PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
ABANDON* ☐
CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐
FRACTURE TREATMENT ☐
SHOOTING OR ACIDIZING ☒
(Other) ☐

REPAIRING WELL ☒
ALTERING CASING ☐
ABANDONMENT* ☐

(NOTE: Report results of multiple completion or Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Workover to eliminate communication between Desert Creek subzones I & II to more effectively control water injection.

4/7/70 Pulled tubing and squeezed all perforations 5556-5712' with 100 sacks cement.

4/8-9/70 Drilled out to 5670'. Perforated top 2' of Desert Creek Zone II, 5660-64' with 2 jets per foot.

4/10/70 Treated perfs 5660-64' with 400 gal 28% and block squeezed with 100 sacks cmt.

4/11-12 Drilled out 5710'.

4/13/70 Perforated 5566-86, 5608-32' with 2 jets per ft. Set bridge plug at 5654' & treated perfs 5608-32' with 5000 gal 28% acid.

4/14/70 Moved bridge plug to 5592' and treated perfs 5556-86' with 5000 gal 28% acid.

4/15/70 Perf'd 5668-5709' with 2 jets per ft. and treated with 4000 gal 28% acid.

4/16/70 Reran 2-7/8" plastic lined tubing with ported nipples at 5649, 5656 and 5669'. Set packers at 5538 & 5652'. Hooked into injection line. Injecting 2736 BWP, 2 BPM.

18. I hereby certify that the foregoing is true and correct

SIGNED D. D. Kingman

TITLE District Engineer

DATE May 1, 1970

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

*See Instructions on Reverse Side

OGC/nh State, USGS, Franques, Broussard, Hurlbut, WIO, File

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRI-ANGLE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. WELL TYPE OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> WIW		5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-372	
2. NAME OF OPERATOR The Superior Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo	
3. ADDRESS OF OPERATOR P. O. Drawer 'G', Cortez, Colorado 81321		7. UNIT AGREEMENT NAME McElmo Creek Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2056' FNL & 1997' FWL (SE NW)		8. FARM OR LEASE NAME McElmo Creek Unit	
14. PERMIT NO.		9. WELL NO. MCU #0-14	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4759' KB		10. FIELD AND POOL, OR WILDCAT McElmo Creek Field	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 5, T41S, R25E, SLM	
		12. COUNTY OR PARISH San Juan	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

10/18/73: Acidized all perfs (Desert Creek Zone I - 5556-86 and 5608-32;
Desert Creek Zone II - 5668-5709') with 2000 gals 28% acid. MP 1100 psi.

Injection prior to acid treatment: 367 BWPd at 2500 psi

Injection after acid treatment: 501 BWPd at 2500 psi.

18. I hereby certify that the foregoing is true and correct

SIGNED D. D. Kinman TITLE District Engineer DATE 4/11/74
(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

RLH/njh

cc: USGS (4), State (2),
Franques, Mosley, Hurlbut, WIO, File
*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instru on re
verse side)Form approved.
Budget Bureau No. 42-R1424.
LEASE DESIGNATION AND SERIAL NO.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> WIW		7. UNIT AGREEMENT NAME McELMO CREEK UNIT	
2. NAME OF OPERATOR THE SUPERIOR OIL COMPANY		8. FARM OR LEASE NAME McELMO CREEK UNIT	
3. ADDRESS OF OPERATOR P. O. DRAWER 'G', CORTEZ, COLORADO 81321		9. WELL NO. MCU #0-14	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2056' FNL & 1997' FWL		10. FIELD AND POOL, OR WILDCAT McELMO CREEK FIELD	
14. PERMIT NO.		15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4766' KB	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC. 5, T41S, R25E	
		12. COUNTY OR PARISH San Juan	13. STATE Utah

18. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Squeeze, re-perf & acid frac.

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

8-20-75 Squeezed all perfs (Zone I 5556-86, 5608-32, Zone II 5668-5709') with 600 sx Class 'A' cement to 5000 psi.

Drilled out to 5636'.

Re-perf'd Zone I 5556-86 & 5608-32 w/2 JPF.

Acid fraced perfs 5556-5632 w/17,900 gals 28% HCL in 3 stages. MP 5500 psi.

8-29-75 Put well on Zone I injection.

ZONE I INJECTION PRIOR TO WO: 214 BWPD at 2000 PSI.

ZONE I INJECTION AFTER WO: 402 BWPD at 1750 PSI.



18. I hereby certify that the foregoing is true and correct

SIGNED

D. D. Kingman

TITLE District Engineer

DATE 9-22-75

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

cc: USGS (4)
State (2)
J. K. Lawson
W. N. Mosley
Navajo Tribe
WIO, File

*See Instructions on Reverse Side

CHECKLIST FOR INJECTION WELL APPLICATION AND FILE REVIEW

Operator: Superior Well No. Mc Elroy Creek Unit 0 14
 County: San Juan T 41S R 25E Sec. 5 API# 43-037-16345
 New Well ☐ Conversion ☐ Disposal Well ☐ Enhanced Recovery Well ☒

	YES	NO
UIC Forms Completed	<u>✓</u>	<u> </u>
Plat including Surface Owners, Leaseholders, and wells of available record	<u>✓</u>	<u> </u>
Schematic Diagram	<u>✓</u>	<u> </u>
Fracture Information	<u> </u>	<u>✓</u>
Pressure and Rate Control	<u>✓</u>	<u> </u>
Adequate Geologic Information	<u>✓</u>	<u> </u>
Fluid Source	<u>Desert Creek - Ismay</u>	

Analysis of Injection Fluid	Yes <u>✓</u>	No <u> </u>	TDS <u>60,000</u>
Analysis of Water in Formation to be injected into	Yes <u>✓</u>	No <u> </u>	TDS <u>70,000</u>

Known USDW in area

Maryo-chinle Depth 1300

Number of wells in area of review

1 Prod. 4 P&A 0
 Water 0 Inj. 7

Aquifer Exemption

Yes NA ✓

Mechanical Integrity Test

Yes ✓ No

Date 10-19-84 Type Water tracer Survey

Comments: _____

Reviewed by:

WATER INJECTION WELL

2056' FNL, 1997' FWL
SE NW Sec. 5, T41S, R25E
San Juan County, UTAH

FIELD: MC ELMO CREEK

KB: 4766' DF: 4765' GL: 4744' TD: 5790' PBD: 5710' TLD: 13.50'

SPUDDER: 1-26-59 COMPLETED: 3-6-59 TOC: 1500' (temp)

INJECTION ZONE: Desert Creek Zone 1 & 2

PERFS: Zone 1 5556-86', 5608-32' (2 jets/ft)
Zone 2 5660-96'

CASING: 8-5/8" 24# 8R J-55 R-2 ST&C w/400 Sx. 39 Jts. 1202'
5 1/2" J-55 8R, R-2 ST&C w/350 Sx: 3 Jts. 15.5# 78'
169 Jts. 14# 5561'
7 Jts. 15.5# 5790'

TUBING: 2-7/8" 6.5# J-55 8R EUE w/TK-75 5705'

PACKERS: Baker Lok-set 5642'
Baker AR-1 5538'

REMARKS: Baker model F nipple @ 5703'.
Baker sliding sleeve @ 5639'.

WELL HEAD: 6" Ser. 600 OCT Type T-16. Tbg. landed on bonnet through stripper.

3-4-59 Perf'd 5660-5712', acidized w/7800 gal. Jel-X-100. Max & final pressure 3000#. Perf'd 5556-86', 5595-5602', 5616-32', treated w/8100 gal. Jel-X-100. Max & final pressure 2200#, ISIP 0#.

1-4-64 Converted to water injection.

7-3-69 Treated w/1000 gal. 15% iron acid. Final pressure 2550#, ISIP 1450#.

4/7-16/70 Squeezed all perfs. Perf'd 5660-64', treated, block squeezed. Perf'd 5556-86', 5608-32', treated each individually w/5000 gal. 28% acid. Perf'd 5668-5709', treated w/4000 gal. 28% acid.

10-18-73 Treated all perfs w/2000 gal. 28% inhibited acid. Final pressure 1100#, ISIP 500#.

5-30-74 Suspended Zone 2 injection.

8/21-26/75 Squeezed all perfs. Perf'd 5556-86', 5608-32', acid fractured w/17,400 gal. 28% HCL. Final pressure 4800#, ISIP 3800#.

3/14/79 Perf'd zone 2 5660-96'. Washed all perfs with 28% HCl acid.

INITIAL WELL TEST

McELMO CREEK UNIT # 0-14

DATE March 6, 1959

OIL BBL/DAY 1112

OIL GRAVITY 40.4

GAS CU.FT/DAY

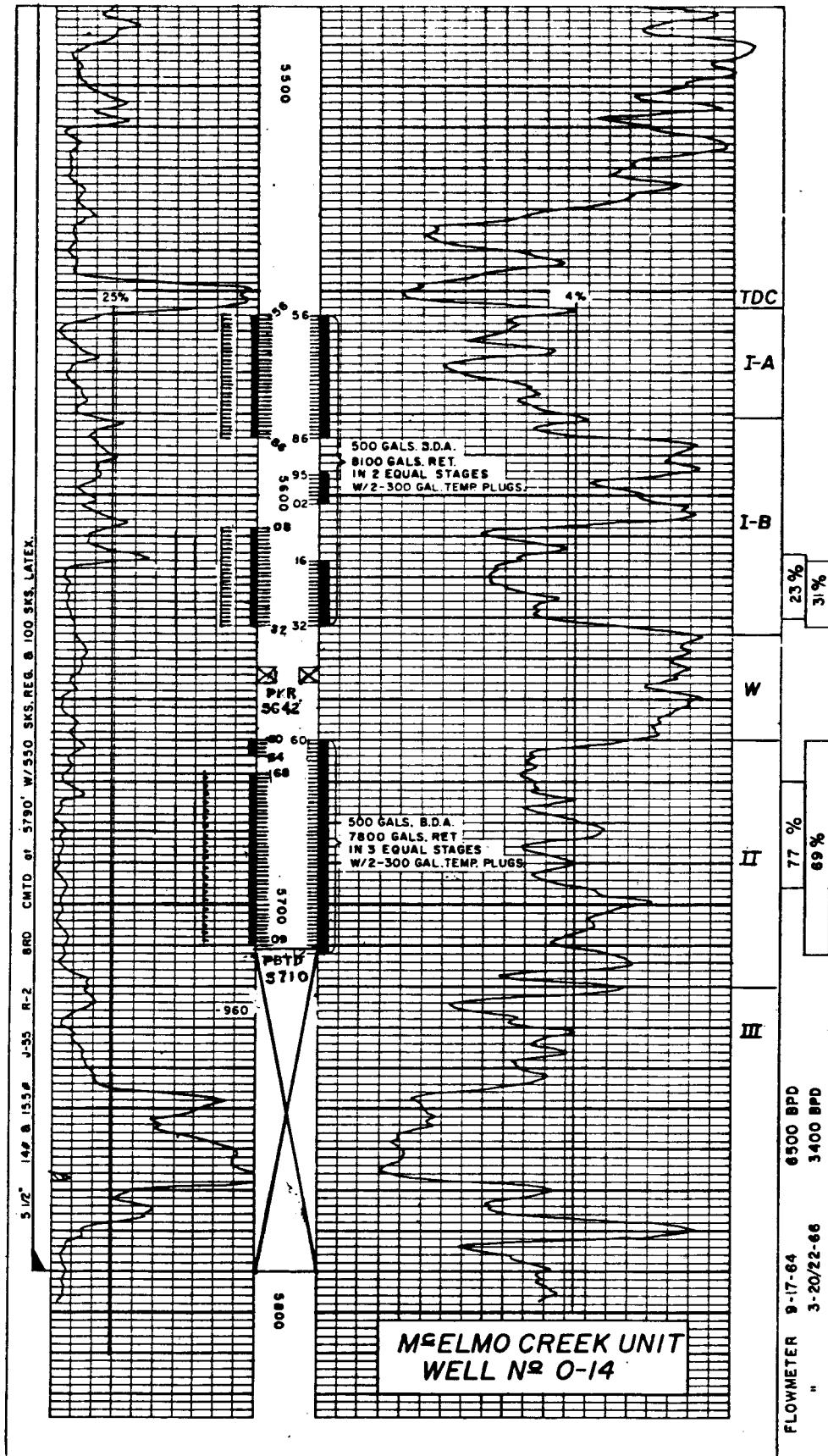
GAS-OIL RATIO CU/FT/BBL

WATER BBL/DAY 8

PUMPING/FLOWING F

CHOKE SIZE 40/64

FLOW TUBING PRESSURE 285



7-13-69: Treated W/1000 gals 15% Iron acid.

4-7-70: Squeezed all perfs 5556'-5612'. Drld out to 5670', perfd 5660-64'. treated W/400 gals 28% acid: squeezed. drld out to 5710' Perfd 5556-86', 5608-32'

5668-5709'. Treated perf's 5608-32' W/5000 gals 28%. Treated perf's 5556-86' W/5000 gals 28% acid. Treated perf's 5668-5709' W/4000 gals 28% acid. set Pkrs at 5538' & 5652'

10-18-73 TREATED ALL PERFS 5556-5709 W/ 2000 GAL 28% HCL.

8-20-75 SQUEEZED ALL PERFS 5556-5709 W/600 SX CLASS 'A' CMT. DRLD OUT TO 5636 RE-PERFD 5556-86, 5608-32 ACID FRACED 5556-5632 W/17,900 GAL 28% HCL IN 3 STAGES.

3-14-79: Prfd Zn 2 5660-96. Washed all perfs w/28% HCL.

McELMO CREEK UNIT
THE SUPERIOR OIL CO. OPERATOR
SE NW SEC. 5, T41 S, R25 E.
SAN JUAN COUNTY, UTAH.
ELEV. 4766' K.B. T.D. 5790'

REV: 6-24-70

WI
Well No. 0-14

McElmo Creek Unit

ATTACHMENT I

RULE I-5: Application for Approval of Class II Injection Wells

(a) Well Data Sheets.

- (b) (1) Plat #1.
(2) Well Data Sheets.
(3) Well Data Sheets & Logs.
(4)

i. The average intervening thickness is 4000' between the existing injection interval and the deepest fresh water sand.

ii. Maximum Surface Pressure: 2800 psig.
Maximum Rate: 4000 BWPD.

<u>FORMATION</u>	<u>DEPTH</u>	<u>LITHOLOGY</u>
Chinle	1300' avg.	Shale
DeChelly	2350' avg.	Sandstone
Organ Rock	2600' avg.	Shale
Hermosa	4400' avg.	Limestone
Upper Ismay	5300' avg.	Limestone
Lower Ismay	5370' avg.	Limestone
Gothic	5450' avg.	Shale
Desert Creek	5460' avg.	Limestone
Chimney Rock	5550' avg.	Shale

(5)

(i) A throttling valve is installed on the wellhead to control injection rates and pressures.

(ii) The source of injection water is Superior's production wells within the McElmo Creek Unit. The wells produce from the Ismay and Desert Creek formations with approximate depths of 5300' and 5460' respectively.

(iii) The analysis of injection water is as follows: (as parts per million).

PH: 6.5	Ca: 13770 ppm	SO4: 25 ppm
CL: 16700 ppm	Mg: 11421 ppm	H2S: 30 ppm
Fe: 3 ppm	HC03: 109.8 ppm	3a: -
CaC03: 18470 ppm	C03: -	Specific Gravity: 1.0553

McElmo Creek Unit

(5) Cont.

(iv) The injection zones are the Ismay and Desert Creek formations. Both zones are carbonate formations consisting of limestone, anhydrite and dolomite. The formations extend throughout the Paradox Basin and are underlain by the Chimney Rock Shale and are overlain by the Hermosa Limestone.

(v) Fresh water zones (Morrison, Bluff, Entrada) range from 0 to 1300' with Entrada being the deepest and somewhat saline.

(vi) The analysis of formation water (Desert Creek) is as follows: (as parts per million).

PH: 6.6	Ca: 17410 ppm	SO4: 33 ppm
CL: 34800 ppm	Mg: 11518 ppm	H2S: 10 ppm
Fe: 1.5 ppm	HCO3: 48.8 ppm	Ba: -
CaCO3: 22150 ppm	CO3: -	Specific Gravity: 1.0902

(6) To assure that injection is confined to intervals intended to receive the disposed water, wireline diagnostic surveys are run periodically to determine whether any escapement is taking place. If such information is discovered, the disposal well will be shut-in until proper measure can be taken. Casing pressure readings are made regularly to verify that no tubing or packer leaks have developed. If such leaks develop, the well will be shut-in until proper repairs can be made.

(7) N/A.

(8) The Division will be notified of the date and time to monitor the mechanical integrity test.

(9) N/A.

(10) N/A.

R24E

R25E

T
40
ST
41
S

- LEGEND**
- FUTURE LOCATION
 - DRILLING WELL (STATUS)
 - OIL WELL
 - ▼ WATER INJECTION WELL
 - ⊕ DUAL SERVICE, INJ/PROD

O/W CONTACT -960

0 2000' 4000'

McELMO CREEK UNIT	
SUPERIOR FIGURESTERN DIVISION	
McELMO CREEK UNIT	
SAN JUAN COUNTY, NEW MEXICO	
SUPERIOR OIL & GAS COMPANY	
DISTRICT ENGINEER	
BY: [Signature]	
TOP OF [Signature]	
DESERT CREEK LIMESTONE, DEEP	
DATE 4-14-70	
SY:	SCALE:
DATE:	C.I. 25ft.
CHECKED:	DRAWN BY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TA
(Other instructions
reverse side)

Form approved
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

<input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER CATHODIC PROTECTION		6. LEASE DESIGNATION AND SERIAL NO. 14-20-603-372
2. NAME OF OPERATOR SUPERIOR OIL COMPANY, through its Agent, MOBIL OIL CORP.		7. UNIT AGREEMENT NAME MCELMO CREEK
3. ADDRESS OF OPERATOR P. O. DRAWER 'G', CORTEZ, COLORADO 81321		8. FARM OR LEASE NAME MCELMO CREEK
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 2056' FNL, 1997' FWL, SENW		9. WELL NO. 0-14
14. PERMIT NO. 43-037-16365		10. FIELD AND POOL, OR WILDCAT GREATER ANETH
15. ELEVATIONS (Show whether SP, NT, GR, etc.) 4744' GL		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 5, T41S, R25E, SLM
16. COUNTY OR PARISH SAN JUAN		17. STATE UTAH

18. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	SHOOTING OR ACIDISING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	(Other)	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
CHANGE PLANE	<input type="checkbox"/>		

(Other) Construct Cathodic Protection System

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

To maximize effective corrosion control of metallic piping and structures down hole and above ground, Mobil Oil Corporation, Agent for Superior Oil Company, proposes to construct an electrified cathodic protection system consisting of a subsurface graphite anode bed connected to an above ground rectifier which has a lead connected to the well casing.

The construction will consist of a trench, 140' long, 6' deep and 2' wide in the old reserve pi area of the well location. All construction will be confined to existing disturbed area of well location. Existing electrical power to the well will be used for this cathodic protection system.

19. I hereby certify that the foregoing is true and correct

SIGNED <u>Clyde J. Benally</u>	TITLE <u>Sr. Regulatory Coordinator</u>	DATE <u>11/15/85</u>
(This space for Federal or State office use)		
APPROVED BY <u>Alan B. Light</u>	TITLE <u>W. Manager</u>	DATE <u>12-3-85</u>
CONDITIONS OF APPROVAL, IF ANY:		

Mobil Oil Corporation

P.O. BOX 5444
DENVER, COLORADO 80217-5444

May 14, 1986

Utah Board of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attn: R. J. Firth
Associate Director

RECEIVED
MAY 16 1986

DIVISION OF
OIL, GAS & MINING

SUPERIOR OIL COMPANY MERGER

Dear Mr. Firth:

On September 20, 1984, The Superior Oil Company (Superior) became a wholly owned subsidiary of Mobil Corporation. Since January 1, 1985, Mobil Oil Corporation (MOC), another wholly owned subsidiary of Mobil Corporation, has acted as agent for Superior and has operated the Superior-owned properties.

On April 24, 1986, Superior was merged with Mobil Exploration and Producing North America Inc. (MEPNA), which is also a wholly owned subsidiary of Mobil Corporation. MEPNA is the surviving company of the merger.

This letter is to advise you that all properties held in the name of Superior will now be held in the name of MEPNA; and that these properties will continue to be operated by MOC as agent for MEPNA.

Attached is a listing of all wells and a separate listing of injection-disposal wells, Designation of Agent and an organization chart illustrating the relationships of the various companies. If you have any questions or require additional documentation of this merger, please feel free to contact me at the above address or (303) 298-2577.

Very truly yours,



R. D. Baker
Environmental Regulatory Manager

CNE/rd
CNE8661

WESTERN REGULATORY WELL COMPLIANCE DATA FILE (PAGE 1 OF 2)
 FOR THE CORTEZ SUPERVISOR AREA
 FOR THE GREATER ANETH FIELD 05/13/86

PROPERTY NAME	WELL NAME	COUNTY	STATE	SEC	TWNSHP	RNG	WELL TYPE	A T	API NUMBER	FEDERAL LEASE NUMBER	STATE NUMBER	UNIT NUMBER
MC ELMO CREEK	N-11 ✓	SAN JUAN	UT	NW	SE	32-40S-25E	INJ	OP	43-037-15965	14-20-603-372		96-004190
	N-13 ✓	SAN JUAN	UT	NW	NW	05-41S-25E	INJ	OP	43-037-15966	14-20-603-372		96-004190
	N-15 ✓	SAN JUAN	UT	SW	NW	05-41S-25E	INJ	OP	43-037-05671	14-20-603-372		96-004190
	N-17 ✓	SAN JUAN	UT	NW	NW	08-41S-25E	INJ	OP	43-037-05597	14-20-603-263		96-004190
	N-19 ✓	SAN JUAN	UT	NW	SW	08-41S-25E	INJ	OP	43-037-05540	14-20-603-263		96-004190
	N-21 ✓	SAN JUAN	UT	NW	NW	17-41S-25E	INJ	OP	43-037-05492	14-20-603-263		96-004190
	N-23 ✓	SAN JUAN	UT	NW	SW	17-41S-25E	INJ	OP	43-037-16364	14-20-603-263		96-004190
	O-12 ✓	SAN JUAN	UT	SE	SW	32-40S-25E	INJ	OP	43-037-16371	14-20-603-372		96-004190
	O-14 ✓	SAN JUAN	UT	SE	NW	05-41S-25E	INJ	OP	43-037-16365	14-20-603-372		96-004190
	O-16 ✓	SAN JUAN	UT	SE	SW	05-41S-25E	INJ	OP	43-037-15969	14-20-603-372		96-004190
	O-18 ✓	SAN JUAN	UT	SE	NW	08-41S-25E	INJ	OP	43-037-05585	14-20-603-263		96-004190
	P-07 ✓	SAN JUAN	UT	NW	SE	29-40S-25E	INJ	OP	43-037-05828	I-149-IND-8839-A		96-004190
	P-09 ✓	SAN JUAN	UT	NW	NE	32-40S-25E	INJ	OP	43-037-16367	14-20-603-372		96-004190
	P-11 ✓	SAN JUAN	UT	NW	SE	32-40S-25E	INJ	OP	43-037-15971	14-20-603-372		96-004190
	P-13 ✓	SAN JUAN	UT	NW	NE	05-41S-25E	INJ	OP	43-037-16368	14-20-603-372		96-004190
	P-15 ✓	SAN JUAN	UT	NW	SE	05-41S-25E	INJ	OP	43-037-16340	14-20-603-372		96-004190
	P-17 ✓	SAN JUAN	UT	NW	NE	08-41S-25E	INJ	OP	43-037-15976	14-20-603-263		96-004190
	P-19 ✓	SAN JUAN	UT	NW	SE	08-41S-25E	INJ	OP	43-037-05555	14-20-603-263		96-004190
	P-21 ✓	SAN JUAN	UT	NW	NE	17-41S-25E	INJ	OP	43-037-05487	14-20-603-263		96-004190
	P-23 ✓	SAN JUAN	UT	NW	SE	17-41S-25E	INJ	OP	43-037-16370	14-20-603-263		96-004190
	Q-12 ✓	SAN JUAN	UT	SE	SE	32-40S-25E	INJ	OP	43-037-05720	14-20-603-372		96-004190
	Q-14 ✓	SAN JUAN	UT	SE	NE	05-41S-25E	INJ	OP	43-037-15974	14-20-603-372		96-004190
	Q-16 ✓	SAN JUAN	UT	SE	SE	05-41S-25E	INJ	OP	43-037-15975	14-20-603-372		96-004190
	R-11 ?	SAN JUAN	UT	NW	SW	33-40S-25E	INJ	SI	43-037-05741	14-20-603-2057		96-004190
	R-11A ✓	SAN JUAN	UT	NW	SW	33-40S-25E	INJ	OP	43-037-39179	14-20-603-2057		96-004190
	R-13 ✓	SAN JUAN	UT	NW	NW	04-41S-25E	INJ	OP	43-037-05709	14-20-603-2057		96-004190
	R-17 ✓	SAN JUAN	UT	NW	NW	09-41S-25E	INJ	OP	43-037-05602	14-20-603-359		96-004190
	R-19 ✓	SAN JUAN	UT	NW	SW	09-41S-25E	INJ	OP	43-037-05554	14-20-603-359		96-004190
	R-21 ✓	SAN JUAN	UT	NW	NW	16-41S-25E	INJ	OP	43-037-16374	14-20-603-359		96-004190
	R-23 ✓	SAN JUAN	UT	NW	SW	16-41S-25E	INJ	OP	43-037-15977	14-20-603-359		96-004190

Converted 1964 ✓

UTAH DIVISION OF OIL, GAS AND MINING
CASING-BRADENHEAD TEST

OPERATOR: MEPNA

FIELD: Greater Aneth

LEASE: McElroy Creek

WELL # 0-14 (Nav. C-22-5) SEC. 5 TOWNSHIP 41S RANGE 25E

STATE FED. FEE DEPTH 5790 TYPE WELL INJW MAX. INJ. PRESS. 2800 psi
PBD 5710 water Tracer Log 4/17/86 4000 BWPD

TEST DATE 9/9/86

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
<u>SURFACE</u>	<u>8 5/8</u>	<u>1202</u>	<u>400 SX</u>	<u>9 #</u>	<u>Cum 64533</u>	

INTERMEDIATE

<u>PRODUCTION</u>	<u>5 1/2</u>	<u>5790</u>	<u>350 SX</u>	<u>0 #</u>		
-------------------	--------------	-------------	---------------	------------	--	--

<u>TUBING</u>	<u>2 7/8</u>	<u>5705</u>		<u>1750 #</u>		
---------------	--------------	-------------	--	---------------	--	--

Baker Lab - set 5642
Baker AR-1 5538

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
---------------	------	--------	-----	-------------------	---------	--------

SURFACE

INTERMEDIATE

PRODUCTION

TUBING

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
---------------	------	--------	-----	-------------------	---------	--------

SURFACE

INTERMEDIATE

PRODUCTION

TUBING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.

SUBMIT IN TRIPLICATE

RECEIVED
AUG 23 1990

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: September 30, 1990

5. Lease Designation and Serial No.
14-20-603-372

6. If Indian, Allottee or Tribe Name
NAVAJO TRIBAL

Unit or CA. Agreement Designation
MCELMO CREEK

8. Well Name and No.
0-14

9. API Well No.
43-037-16365

10. Field and Pool, or Exploratory Area
GREATER ANETH

11. County or Parish, State
SAN JUAN, UTAH

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other INJECTION WELL

2. Name of Operator
MOBIL OIL CORPORATION

3. Address and Telephone No. %Mobil Exploration & Producing U.S. Inc.
P.O. Box 633 Midland, Texas 79702

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

DIVISION OF
OIL, GAS & MINING

2056' FNL 1997 FWL SENW SEC. 5, T41S, R25E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

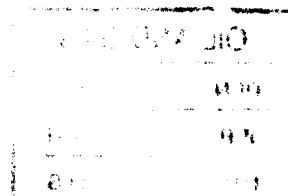
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other	

CONVERSION TO CO₂

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

8-02-90 MIRU. POOH W/tbg
8-03-90 DRILL & CIRC. DOWN TO PBTD @5707. SET CMT RET. @ 5650'. SQZ D.C. ZONE II
PERFS 5660-96. RIH W/PKR & TBG TO TEST CSG. 1000 PSI/HELD/OK
8-05-90 ACDZ D.C. ZONE I PERFS W/4800 GALS 13% HCL 2100 GALS DIVERTER. INSTALL &
PRESS TEST NEW TBG HEAD. OOH W/PKR & TBG. RDMO
NO PKR OR TBG IN WELLBORE



14. I hereby certify that the foregoing is true and correct

Signed Shuley, David (915)688-2585 Title _____

EXPLORATION & PRODUCTION U.S. INC.
ADVISOR FOR MOBIL OIL CORPORATION

Date 8-17-90

(This space for Federal or State office use)

Approved by _____ Title _____
Conditions of approval, if any.

Date _____

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See instruction on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.

SUBMIT IN TRIPLICATE

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other

2. Name of Operator
MOBIL OIL CORPORATION

3. Address and Telephone No. MOBIL EXPLORATION & PRODUCING U.S. INC.
P.O. BOX 633 MIDLAND, TX 79702

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2056' FNL, 1997' FWL SENW SEC. 5, T41S, R25E

5. Lease Designation and Serial No.

14-20-603-372

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation

MCELMO CREEK

8. Well Name and No.

O-14

9. API Well No.

43-037-16365

10. Field and Pool, or Exploratory Area

GREATER ANETH

11. County or Parish, State

SAN JUAN, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other

COMPLETE CO2 CONVERSION
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

9-05-90 MIRU

9-06-90 RIH W/TBG SET PKR. @5505'. PRESS TEST CSG TO 1000# PSI/HELD/OK
RDMO.

14. I hereby certify that the foregoing is true and correct

Signed Shirley Dodd (915) 688-2585

Title

MOBIL EXPLORATION & PRODUCING U.S. INC.
AS AGENT FOR MOBIL OIL CORPORATION

Date

10-10-90

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

14-20-603-372

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation

MCELMO CREEK UNIT

8. Well Name and No.

O-14

9. API Well No.

43-037-16356 65

10. Field and Pool, or Exploratory Area

GREATER ANETH

11. County or Parish, State

SAN JUAN, UT

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well

☐ Gas Well

☒ Other

INJECTION WELL

2. Name of Operator

MOBIL OIL CORPORATION

3. Address and Telephone No.

P O BOX 633 MIDLAND, TX 79702

(915)688-2585

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2056 FNL 1997 FWL SEC. 5, T41S, R25E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☐ Other WORKOVER

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*
SEE ATTACHMENT

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 10-26-93

BY: [Signature]

OCT 25 1993

DIVISION OF
OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed

Shirley Todd

SHIRLEY TODD

Title ENV. & REG. TECHNICIAN

Date 10-20-93

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

ENGINEERS CALCULATION SHEET

McElmo Creek Unit # 0-14API # 43-037-16365

JOB OR AUTH. NO. _____

LOCATION 2056' FNL, 1997' FWL, SEC. 5-T41S-R25E

PAGE _____

SUBJECT RESIN PROFILE MODIFICATIONDATE 4/OCT/93LEASE 14-20-603-372BY S.S. MURPHYEXISTING

KB: 4759'

GL: 4744'

2-7/8", 6.5# J-55 Fluorolined
EUE 8rd tbg with torque rings

8-5/8", 24# J-55 ST&C
CSG at 1202' cmt'd
w/ 400 sxs to surface

TOC at 4059'

Baker HEL ON-OFF TOOL
Baker Model B Shut-off Valve
Baker Inverted Lok-set Packer
at 5505'

★ NOTE: HOLES IN CASING
(THIEF) 5530'-5545'

PERFS

Cement Retainer at 5650'

5556-5586', 5608'-5632'
w/ 25PF Acid Frac'd w/ 17,900 gal
28% HCL

5660'-5696' w/ 25PF SQZ'D

5-1/2", 14/15.5# J-55 LT&C
CSG at 5790' cmt'd w/ 300 sxs
(14# CSG 78'-5563')

PBTD 5650'
TD 5790'

ENGINEERS CALCULATION SHEET

McElmo Creek Unit #0-14API # 43-037-16365

JOB OR AUTH. NO. _____

LOCATION 2056' FNL, 1977' FWL, SEC. 5-T41S-R25E

PAGE _____

SUBJECT RESIN PROFILE MODIFICATIONDATE 4/OCT/93LEASE 14-20-603-372BY S.S. MURPHYPROPOSED

KB: 4759'

GL: 4744'

2-7/8", 6.5# J-55 Fluorolined
EYE End +bg with tongue rings

8-5/8", 24# J-55 STAC
CSG at 1202' cont'd
w/ 400 SXS to surface

Guiberson ATR Latching Seal
Assembly

Guiberson Wireline Set Uni-X
Packer at ± 5480'

(SEE ATTACHED EQUIP. DETAIL)

TOC at 4059'

NOTE: HOLES IN CASING (THIEF)
5530'-5545' SQZ'D
WITH 20 BBLs RESIN (EPOXY)

PERFS

5556'-5586', 5608'-5632'
w/ 25PF Acid Frac'd w/ 17,900 gal
28% HCL

Cement Retainer at 5650'

5660'-5696' w/ 25PF SQZ'D

PBTD 5650'
TD 5790'

5-1/2", 14/15.5# J-55 LTAC
CSG at 5790' cont'd w/ 300 SXS
(14# CSG 78'-5563')

McElmo Creek D-14
Workover Procedure

1. Lock and tag out all power sources. RU pump and pump lines to christmas tree. Bullhead 50 bbls of 10 ppg brine into well. Observe well the next day to confirm if well is dead.
2. MI workover rig having 108' derrick. Bleed off casing pressure. Unbolt tree and PU 20,000 lbs tension and rotate 1 turn to the left to close downhole shut off valve. If well is not dead, bleed off tubing pressure to confirm downhole shut off valve is closed.
3. Release on/off tool. ND tree. NU and PT BOP's to 3000 psi high and 250 psi low. Circulate hole to 10 ppg brine. If well was not dead. RU snubbing equipment. Send tree to Big Red Tool, Farmington for inspection and replacement of AB modified teflon seal ring in bottom of tree. Have tree returned in time for use on this well.
4. Release Baker inverted Lok-Set packer and POH laying down 2-7/8" J-55 EUE 8rd KOTS fluorolined injection tubing and send to Permian Interprises in Odessa, Texas for inspection and repair cost estimate. Use open rotary type tongs with backup on collar (Do not use Foster type closed rotary tongs). Install thread protectors while laying down tubing. RIH with 4-3/4" rock bit without nozzles, bulldog bailer, and casing scraper for 5-1/2", 15.5 lb/ft casing on 2-7/8" CS Hvdrl workstring and CO to PBTD at 5650' EL (Cement retainer). POH.
5. RU Schlumberger wireline and lubricator. PT lubricator to 1000 psi or wellhead pressure if higher. RIH with GR/METT/CCL and log from PBTD at 5650' to 4500' or until short casing joints are located. POH. RIH with junk basket/gauge ring to 5560'. POH. RIH with CIBP and set at 5550' EL. POH. RIH with cement retainer and set at 5500'. POH. RD wireline.
6. RIH with starguide stinger on 2-7/8" CS Hvdrl workstring. Rabbit workstring while RIH. Sting into cement retainer. PT backside to 2000 psi for 30 minutes (5 percent leakoff or less is acceptable). If backside fails to PT, continue with resin squeeze operation after confirming that there are no returns when injection rates are established. RU cementing head. Monitor backside pressure. Establish injection rate of 1-2 BPM using lease water. Pump 5 bbls diesel, 20 bbls epoxy resin, drop 2-7/8" wiper plug and displace resin with lease water until plug bumps at starguide stinger. Do not exceed 2700 psi surface injection pressure. Pull out of cement retainer and POH with wet string. If obtain 2700 psi squeeze pressure prior to bumping plug, pull out of cement retainer and POH. If 5-1/2" casing PT, wait on resin for 12 hours and GO TO STEP NO. 9.

7. If 5-1/2" casing failed to PT in Step No. 6. RIH with squeeze packer and 4 jts of 2-3/8" tailpipe. Set squeeze packer at +/- 5370' and PT backside to 2000 psi. PU 500' and reset squeeze packer. PT backside to 2000 psi. Continue up the hole and locate leak. PU and set tubing tail +/- 100' from location of casing leak. Set Squeeze packer and space out with 15,000 lbs weight. Pressure backside to 1000 psi and monitor. Establish injection rate of +/- 1-2 BPM using 10 ppg brine at maximum surface injection pressure of 2000 psi. Mix and pump the following:
 - A) 5 bbls of fresh water spacer
 - B) 100 sxs of Class B standard cement containing 0.3% Halad 344, 3% Microbond, 0.1% CFR-3, and sufficient retarder for 3 hour pump time.
 - C) 5 bbls of fresh water spacer
8. Displace top of slurry to end of tailpipe or to a maximum injection pressure of 2000 psi. Stage squeeze last 4 bbls of cement as necessary to obtain a final squeeze pressure of at least 2000 psi. Release squeeze packer and reverse out. POH. WOC 12 hours.
9. RIH with 4-3/4" rock bit without nozzles on 2-7/8" workstring and clean out cement squeezed perforations (if applicable) and PT to 2000 psi. Resqueeze as necessary. Drill out cement retainer at 5500' and CO to CIBP at 5550'. PT casing to 2000 psi. Resqueeze thief zone with resin as necessary using a cement retainer. Drill out CIBP at 5550' and CO to top of cement retainer at 5650'. POH.
10. RIH with 4-3/4" rock bit without nozzles and casing scraper for 5-1/2". 14 lb/ft casing spaced out to not go below 5510'. and CO to top of cement retainer at 5650'. POH laying down workstring.
11. RU Schlumberger wireline unit and lubricator. PT lubricator to 1000 psi or wellhead pressure if higher. RIH with 4" casing guns loaded with deep penetrating charges at 4 SPF, 90 degree phasing and perforate 5556'-5586' and 5608'-5632'EL. RIH with junk basket/gauge ring to 5510'. POH.

12. RIH with the following production packer assembly on wireline:

DESCRIPTION	MAX. O.D. in.	MIN. I.D. in.	LENGTH ft.
5-1/2" X 2.688" 14 lb/ft wireline set Guiberson Uni-X retrievable seal bore packer (Nickel plated and plastic coated) with 90 Duro Nitrile ends w/78 Duro Polvepichlorohydrin CO2 center elastomers w/4.5' X 2.688" 316 stainless steel seal bore extension w/Aflas o-rings on all threaded connections	4.75	2.688	11.42
316 stainless steel sealbore AB modified box X 2-3/8" EUE 8rd pin x-over	4.75	1.995	0.75
6 ft 316 stainless steel 2-3/8". 4.7 lb/ft pup joint w/EUE 8rd AB Modified box X pin	3.063	1.995	6.0
316 stainless steel Model F non-ported seating nipple. Size 1.812 w/2-3/8". 4.7 lb/ft EUE 8rd AB Modified box X pin	3.063	1.812	1.0
6 ft 316 stainless steel 2-3/8". 4.7 lb/ft pup joint w/EUE 8rd AB Modified box X pin	3.063	1.995	6.0
316 stainless steel Model R non-ported NoGo seating nipple. Size 1.781 w/2-3/8". 4.7 lb/ft EUE 8rd AB Modified box X pin	3.063	1.728	1.0
316 stainless steel wireline entry guide w/pump-out plug. size 2-3/8". 4.7 lb/ft EUE 8rd AB Modified box	3.063	1.995 (After plug pumped out)	0.5

13. Set top of packer at 5480' EL. NOTE: Based on METT casing
inspection log. packer depth can be adjusted. Packer needs to be
set within 100' of top perforation at 5556'. POH with setting tool.
Bleed off casing pressure. RDMD wireline. RD snubbing unit if it
was required in previous steps.

14. PU and RIH with the following latch type seal assembly and injection string:

DESCRIPTION	MAX. O.D. in.	MIN. I.D. in.	LENGTH ft.
2-7/8". 6.5 lb/ft AB Modified 8rd X 2.688" Guiberson latch nipple w/ATR seals, 7 ft long spacer tube, one ATR seal nipple, one ATR seal unit, one ATR seal unit made of 316 stainless steel, 1/2 muleshoe made of 316 stainless steel. I.D. of flow area of seal assembly is plastic coated, all 8 TPI stub acme boxes to have Aflas o-rings, all 10 rd boxes to be AB modified with Teflon rings installed. Assembly to be pressure tested to 3000 psi using nitrogen prior to being sent to location.	3.45	1.901	11.0
2-7/8". 6.5 lb/ft J-55 KCTS (Threadmasters Torque Ring) Fluorolined Tubing w/pup joints as required	3.668	2.14	+/- 5480

NOTE: A. All new KCTS tubing to be torque turned to 2250 ft-lbs and made up with torque tons using Seallube. Use permitex on permits. Brian Nelson with Threadmasters at 915/550-6342 to be on location while running tubing.

B. Rabbit tubing with 2.0" O.D. rabbit.

15. String seal assembly into production packer and space out for 15,000 lbs compression at surface. PT backside to 500 psi. Rotate to the right and release seal assembly from packer. Install necessary 2-7/8". 6.5 lb/ft J-55 KCTS fluorolined tubing pup joints. Reverse circulate fresh water packer fluid containing 1 percent by volume of Tretolite CRW137 corrosion inhibitor/oxygen scavenger.
16. ND BOPS. Screw on christmas tree. Insure that Teflon ring in box on christmas tree is a new ring. Snap into snap latch and confirm by pulling 10,000 lbs tension. Land tree and bolt up flange. Pressure tubing to 2500 psi and shear out pump out plug. RDMD workover rig. Hook up injection lines. Clean location.
17. Perform Mechanical Integrity Test (MIT) for EPA. Contact Jim Walker of the Navajo EPA in Shiprock at 505/368-4125 to witness. Use chart recorder to record test. Send copies of chart to Shirley Todd, Midland, Al Pena, Cortez, and Aneth files. Fill out Utah tax credit form and submit to Tiny Higman, Cortez office. Turn well over to production to start CO2 injection. Run profile log within two weeks after starting injection.

Sean S. Murphy, Oper. Engr. Office Phone: 8-333-2208 or 303/565-2208
Home Phone: 303/564-9423
Mobile Phone: 303/749-2130

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other **INJECTION WELL**

2. Name of Operator
MOBIL OIL CORPORATION

3. Address and Telephone No.
P O BOX 633 MIDLAND, TX 79702 (915) 688-2585

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2056 FNL, 1997 FWL SEC. 5, T41S, R25E

5. Lease Designation and Serial No.
14-20-603-372

6. If Indian, Allottee or Tribe Name
NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation
MCELMO CREEK UNIT

8. Well Name and No. **0-14 Navajo C 225**

9. API Well No. **16365**
43-037-16365

10. Field and Pool, or Exploratory Area
GREATER ANETH

11. County or Parish, State
SAN JUAN, UT

12. **CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other WORKOVER	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*
ATTACHED REVISED PROCEDURE SUPERSEDES THE PROCEDURE OF 10-20-93

**Accepted by the State
of Utah Division of
Oil, Gas and Mining**

Date: 2-9-94

By: [Signature]

14. I hereby certify that the foregoing is true and correct

Signed Shirley Todd **SHIRLEY TODD**

Title **ENGINEER TECHNICIAN**

Date **2-2-94**

(This space for Federal or State office use)

Approved by Federal Approval of this
Conditions of approval, if any: Action is Necessary

Title _____ Date _____

McElmo Creek O-14
Workover Procedure

1. Lock and tag out all power sources. RU pump and pump lines to christmas tree. Bullhead 50 bbls of 10 ppg brine into well. Observe well the next day to confirm if well is dead.
2. MI workover rig having 108' derrick. Bleed off casing pressure. Unbolt tree and PU 20,000 lbs tension and rotate 1 turn to the left to close downhole shut off valve. If well is not dead, bleed off tubing pressure to confirm downhole shut off valve is closed.
3. Release on/off tool. ND tree. NU and PT BOP's to 3000 psi high and 250 psi low. Circulate hole to 10 ppg brine. If well was not dead, RU snubbing equipment. Send tree to Big Red Tool, Farmington for inspection and replacement of AB modified teflon seal ring in bottom of tree. Have tree returned in time for use on this well.
4. Release Baker inverted Lok-Set packer and POH laying down 2-7/8" J-55 EUE 8rd KCTS fluorolined injection tubing and send to Permian Interprises in Odessa, Texas for inspection and repair cost estimate. Use open rotary type tongs with backup on collar (Do not use Foster type closed rotary tongs). Install thread protectors while laying down tubing. RIH with 4-3/4" rock bit without nozzles and casing scraper for 5-1/2", 15.5 lb/ft casing on 2-7/8" CS Hydril workstring and CO to PBTD at 5650' EL (Cement retainer). POH.
5. RU Schlumberger wireline and lubricator. PT lubricator to 1000 psi or wellhead pressure if higher. RIH with GR/METT/CCL and log from PBTD at 5650' to 4500' or until short casing joints are located. NOTE: Running METT log will be contingent on wellhead pressure. POH. RIH with junk basket/gauge ring to 5560'. POH. RIH with CIBP and set at 5550' EL. POH. RIH with cement retainer and set at 5500'. POH. RD wireline.
6. RIH with starguide stinger on 2-7/8" CS Hydril workstring. Rabbit workstring while RIH. Sting into cement retainer. PT backside to 2000 psi for 30 minutes (5 percent leakoff or less is acceptable). If backside fails to PT, continue with resin squeeze operation after confirming that there are no returns when injection rates are established. RU cementing head. Monitor backside pressure. Establish injection rate of 1-2 BPM using lease water. Pump 7 bbls epoxy resin, drop 2-7/8" wiper plug and displace resin with lease water until plug bumps at starguide stinger. Do not exceed 2500 psi surface injection pressure. Pull out of cement retainer. Pressure up on workstring to +/- 3500 psi and shear out wiper plug. POH. If obtain 2500 psi squeeze pressure prior to bumping plug, pull out of cement retainer, bump and shear out wiper plug. POH. If 5-1/2" casing PT, wait on resin for 24 hours and GO TO STEP NO. 9.

7. If 5-1/2" casing failed to PT in Step No. 6, RIH with squeeze packer and 4 jts of 2-3/8" tailpipe. Set squeeze packer at +/- 5370' and PT backside to 2000 psi. PU 500' and reset squeeze packer. PT backside to 2000 psi. Continue up the hole and locate leak. PU and set tubing tail +/- 100' from location of casing leak. Set Squeeze packer and space out with 15,000 lbs weight. Pressure backside to 1000 psi and monitor. Establish injection rate of +/- 1-2 BPM using 10 ppg brine at maximum surface injection pressure of 2000 psi. Mix and pump the following:
- A) 5 bbls of fresh water spacer
 - B) 100 sxs of Class B standard cement containing 0.3% Halad 344, 3% Microbond, 0.1% CFR-3, and sufficient retarder for 3 hour pump time.
 - C) 5 bbls of fresh water spacer
8. Displace top of slurry to end of tailpipe or to a maximum injection pressure of 2000 psi. Stage squeeze last 4 bbls of cement as necessary to obtain a final squeeze pressure of at least 2000 psi. Release squeeze packer and reverse out. POH. WOC 12 hours.
9. RIH with 4-3/4" rock bit without nozzles on 2-7/8" workstring and clean out cement squeezed perforations (if applicable) and PT to 2000 psi. Resqueeze as necessary. Drill out cement retainer at 5500' and CD to CIBP at 5550'. PT casing to 2000 psi. Resqueeze thief zone with resin as necessary using a cement retainer. Drill out CIBP at 5550' and CD to top of cement retainer at 5650'. POH.
10. RIH with 4-3/4" rock bit without nozzles and casing scraper for 5-1/2", 14 lb/ft casing spaced out to not go below 5510', and CD to top of cement retainer at 5650'. POH laying down workstring.
11. RU Schlumberger wireline unit and lubricator. PT lubricator to 1000 psi or wellhead pressure if higher. RIH with 4" casing guns loaded with deep penetrating charges at 4 SPF, 90 degree phasing and perforate 5556'-5586' and 5608'-5632'EL. RIH with junk basket/gauge ring to 5510'. POH.

ENGINEERS CALCULATION SHEET

McElmo Creek Unit # 0-14

API # 43-037-16365

JOB OR AUTH. NO.

LOCATION 2056' FNL, 1997' FWL, SEC. 5-T41S-R25E

PAGE

SUBJECT RESIN PROFILE MODIFICATION

DATE 4/OCT/93

LEASE 14-20-603-372

BY S.S. MURPHY

EXISTING

KB: 4759'

GL: 4744'

2-7/8" 6.5# J-55 Fluorolined
EUE 8rd tbg with torque rings

8-5/8" 24# J-55 ST&C
CSG at 1202' cmt'd
w/ 400 sxs to surface

TOC at 4059'

Baker HEL ON-OFF TOOL
Baker Model B Shut-Off Valve
Baker Inverted Lok-set Packer
at 5505'

★ NOTE: HOLES IN CASING
(THIEF) 5530'-5545'

PERFS

Cement Retainer at 5650'

5556'-5586', 5608'-5632'
w/ 2SPF Acid Frac'd w/ 17,900g.
28% HCL
5660'-5696' w/ 2SPF SQZ!
5-1/2" 14/15.5# J-55 LT&C
CSG at 5790' cmt'd w/ 300 sxs
(14# CSG 78'-5563')

PBTD 5650'
TD 5790'

ENGINEERS CALCULATION SHEET

McElmo Creek Unit #0-14

API # 43-037-16365

JOB OR AUTH. NO.

LOCATION 2056' FNL, 1977' FWL, SEC. 5-T41S-R25E

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BY S.S. MURPHY

PROPOSED

KB: 4759'

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EHE Bnd tbg with tongue rings

8-5/8" 24# J-55 STAC
CSG at 1202' cont'd
w/ 400 SXS to surface

TOC at 4059'

Guiberson ATR Latching Seal
Assembly

Guiberson Wireline Set Uni-X
Packer at ± 5480'

(SEE ATTACHED EQUIP. DETAIL)

NOTE: HOLES IN CASING (THIEF)
5530'-5545' SQZD
WITH 20 BBLs RESIN (EPOXY)
PERFS

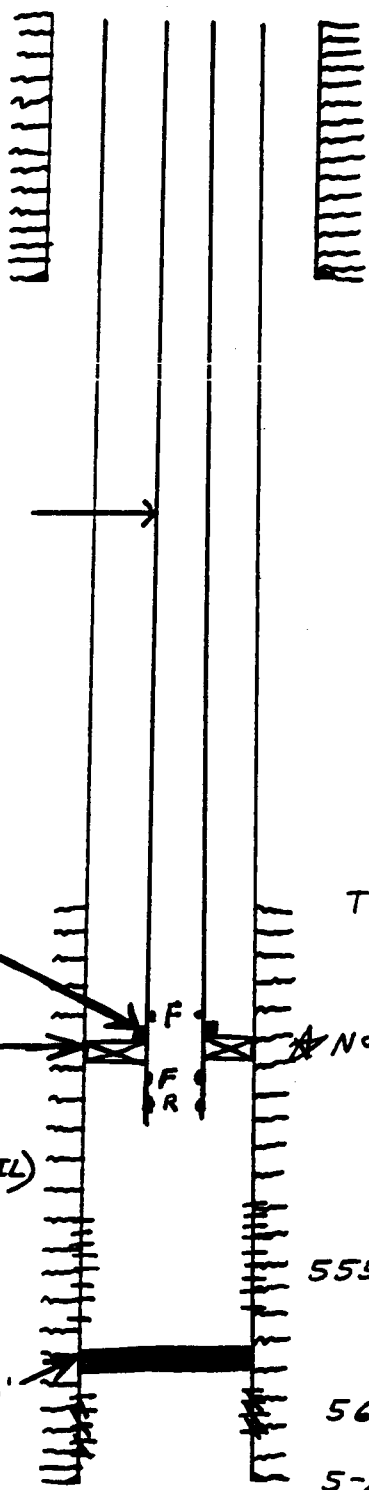
Cement Retainer at 5650'

5556'-5586', 5608'-5632'
w/ 25PF Acid Frac'd w/ 17,900 gal
28% HCL

5660'-5696' w/ 25PF SQZD

5-1/2" 14/15.5# J-55 LTAC
CSG at 5790' cont'd w/ 300 SXS
(14# CSG 78'-5562')

PBTD 5650'
TD 5790'



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

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14-20-603-372

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NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation
MCELMO CREEK UNIT

8. Well Name and No.

MCELMO CREEK UN O-14

9. API Well No.

43-037-16365

10. Field and Pool, or exploratory Area
GREATER ANETH

11. County or Parish, State

SAN JUAN

UT

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other

2. Name of Operator

MOBIL EXPLORATION & PRODUCING US, AS AGENT FOR MOBIL OIL CORPORATION

3. Address and Telephone No.

P. O. BOX 633, MIDLAND, TX 79702

(915) 688-2585

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2056' FNL, 1997' FWL; SEC. 5, T41S, R25E, SE NW

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

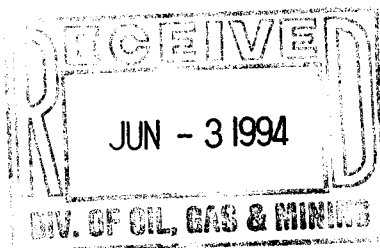
TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other **SI STATUS** ✓
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

MOBIL REQUESTS SI STATUS. WAITING ON FUNDING FOR WORKOVER.



14. I hereby certify that the foregoing is true and correct

Signed

D. J. Shirley

Title **ENV. & REG. TECHNICIAN**

Date **05/31/94**

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

* See Instruction on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT - " for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other

2. Name of Operator

MOBIL EXPLORATION & PRODUCING US, AS AGENT FOR MOBIL OIL CORPORATION

3. Address and Telephone No.

P. O. BOX 633, MIDLAND, TX 79702

(915) 688-2585

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2056' FNL, 1997' FWL; SEC. 5, T41S, R25E, SE NW

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

14-20-603-372

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation

MCELMO CREEK UNIT

8. Well Name and No.

MCELMO CREEK UN O-14

9. API Well No.

43-037-16365

10. Field and Pool, or exploratory Area

GREATER ANETH

11. County or Parish, State

SAN JUAN

UT

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TYPE OF SUBMISSION

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☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other **WORKOVER** ✓
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

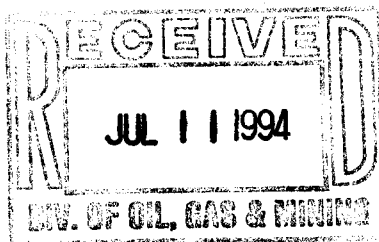
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13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

06/15/94 MIRU. RU PUMP & LINES. BULLHEAD 50 BBLS 10# BRINE DOWN TBG.

06/16/94 PRESS TEST ANNULUS @ 1040 PSI FOR 30 MINS; LOST 20#

06/17/94 RDMO.



14. I hereby certify that the foregoing is true and correct

Signed

D. Shivers for Shirley Todd

Title

ENV. & REG. TECHNICIAN

Date

07/05/94 ✓

(This space for Federal or State office use)

Approved by

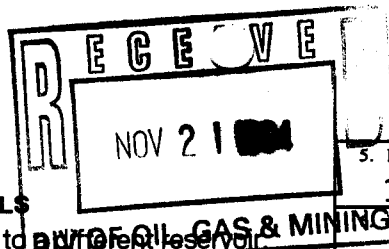
Title

Date

Shirley Todd
8/8/94

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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5. Lease Designation and Serial No.
14-20-603-372
Indian, Allottee or Tribe Name

NAVAJO TRIBAL

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation
MCELMO CREEK UNIT

1. Type of Well

☐ Oil Well

☐ Gas Well

☒ Other

INJECTOR

8. Well Name and No.

0-14

2. Name of Operator

Mobil Exploration & Producing U.S. Inc.
as Agent for Mobil Producing TX & NM Inc.

9. API Well No.

43-037-16371-16365

3. Address and Telephone No.

P.O. Box 633, Midland, TX 79702 (915) 688-2585

10. Field and Pool, or exploratory Area
GREATER ANETH

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

809' FSL, 1832' FWL; SEC. 32, T40S, R25E
5 41

11. County or Parish, State

SAN JUAN UT

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐

Notice of Intent

☒

Subsequent Report

☐

Final Abandonment Notice

TYPE OF ACTION

☐

Abandonment

☐

Recompletion

☐

Plugging Back

☐

Casing Repair

☐

Altering Casing

☐

Other

MIT

☐

Change of Plans

☐

New Construction

☐

Non-Routine Fracturing

☐

Water Shut-Off

☐

Conversion to Injection

☐

Dispose Water

(Note: Report results of multiple completion on Well Completion or Recombination Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

SEE ATTACHMENTS

14. I hereby certify that the foregoing is true and correct

Signed

Shirley J. ...

Title

ENV. & REG. TECHNICIAN

Date

11/14/94

(This space for Federal or State office use)

Approved by

Title

Date

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* See Instruction on Reverse Side

U.S. ENVIRONMENTAL PROTECTION AGENCY

NOTICE OF INSPECTION

Address (EPA Regional Office) Region 9 Environmental Inspection Agency 215 Fremont Street (W-6-2) San Francisco, CA 94105	Inspection Contractor <i>No 0010 EPA</i> THE CADMUS GROUP, INC. CORPORATE OFFICE 135 Beaver Street Waltham, MA 02154 (617) 894-9690	Firm To Be Inspected <i>MOBIL EEP CO.</i> <i>McElm Creek Unit</i> <i>#0-14</i>
---	--	---

Date <i>10/19/94</i>	Notice of inspection is hereby given according to Section 1445(b) of the Safe Drinking Water Act (42 U.S.C. §300 f et seq.).
Hour <i>9:30 A.M.</i>	

Reason For Inspection

For the purpose of inspecting records, files, papers, processes, controls and facilities, and obtaining samples to determine whether the person subject to an applicable underground injection control program has acted or is acting in compliance with the Safe Drinking Water Act and any applicable permit or rule.

Mechanical Integrity Test

Section 1445(b) of the SDWA (42 U.S.C. §300 j-4 (b) is quoted on the reverse of this form.

Receipt of this Notice of Inspection is hereby acknowledged.

Firm Representative <i>[Signature]</i> <i>10/19/94</i>	Date <i>10/19/94</i>	Inspector <i>[Signature]</i>
---	-------------------------	---------------------------------

ANNULAR PRESSURE TEST

OPERATOR MOBIL E&P Co. STATE PERMIT NO. NA
 ADDRESS Aneth, Utah EPA PERMIT NO. Pule Ayth
 WELL NAME McElmo Creek Unit #0-14 DATE OF TEST 10/19/94
 LOCATION _____ QUARTER OF THE SE QUARTER OF THE NW QUARTER.
 SECTION 5 TOWNSHIP T41S RANGE R25E
 TOWNSHIP NAME NA COUNTY NAME San Juan
 COMPANY REPRESENTATIVE Clyde Jones FIELD INSPECTOR Jim Walker
 TYPE PRESSURE GAUGE _____ INCH FACE, _____ PSI FULL SCALE, _____ PSI INCREMENTS
 NEW GAUGE YES ☐ NO ☒ IF NO, DATE OF TEST CALIBRATION 2-12-92

CALIBRATION CERTIFICATION SUBMITTED: YES ☐ NO ☒
Continuous pressure recorder used

RESULTS:

TIME	PRESSURE (PSIG)	
	ANNULUS	TUBING
9:36	1050	2400
9:41	1090	2400
9:46	1130	2400
9:51	1170	2400

CASING _____
 TUBING _____
 PACKER _____
 PACKER @ _____

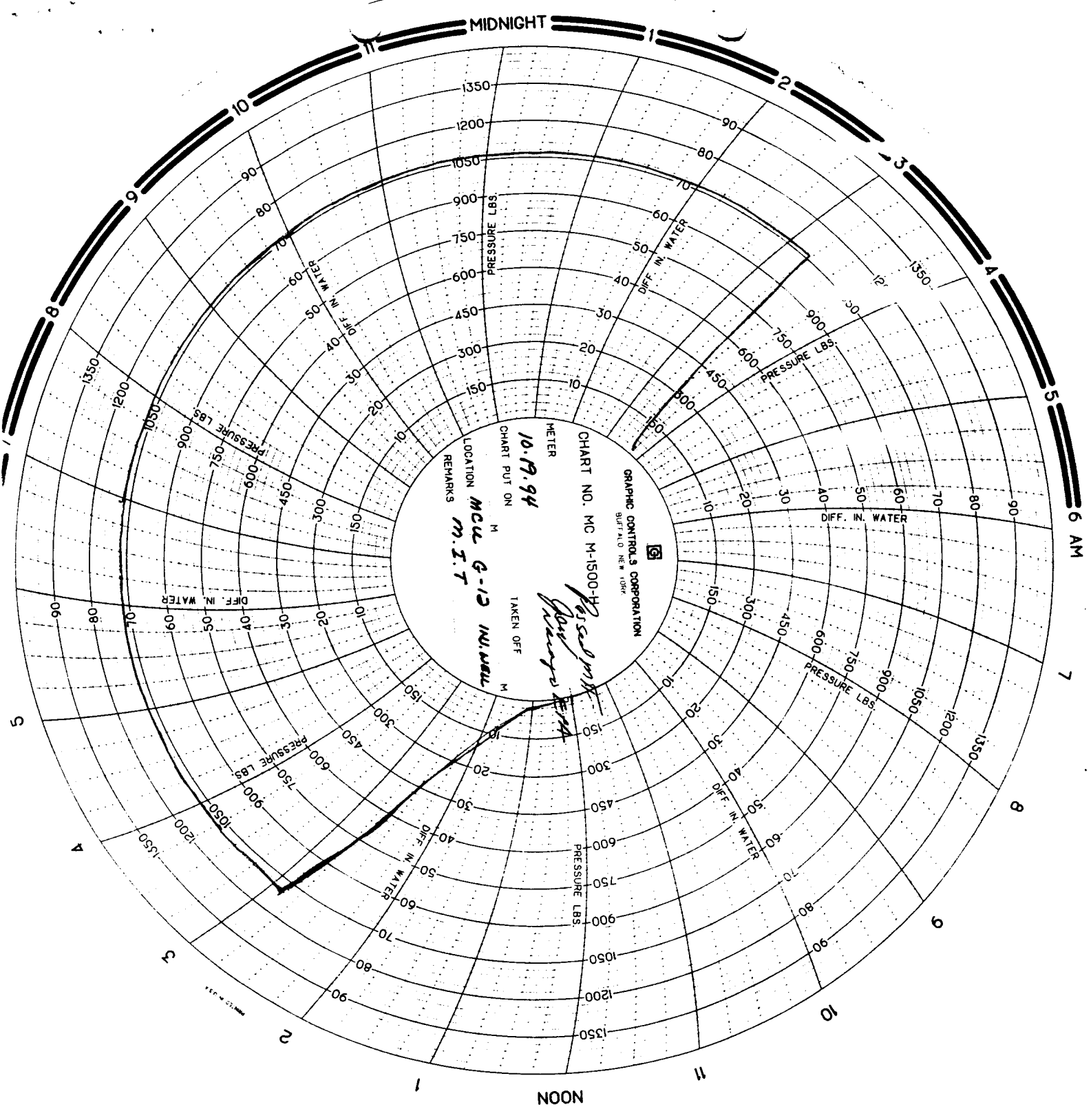
FLUID RETURN @ _____
Injection Rate = 24 B/D
Active injection
 COMMENTS:
Broken back valve
opened - no flow -
Apparent packer
failure or tubing leak

TEST PRESSURE: 1050
 MAX. ALLOWABLE PRESSURE CHANGE: TEST PRESSURE X .05 55 PSI
 HALF HOUR PRESSURE CHANGE _____ PSI

TEST PASSED ☐ TEST FAILED ☒ (CHECK ONE)
 IF FAILED, NO INJECTION MAY OCCUR UNTIL CORRECTIONS HAVE BEEN MADE AND WELL PASSES.

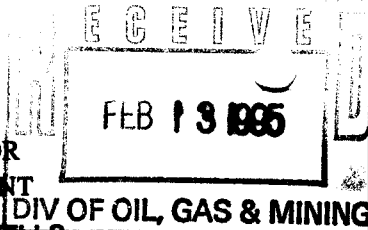
James R Walker
 SIGNATURE OF COMPANY REPRESENTATIVE
James R Walker
 SIGNATURE OF INSPECTOR

10-19-94
 DATE
10/19/94
 DATE



NOON

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT - " for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well

☐ Gas Well

☒ Other

INJECTION

2. Name of Operator

Mobil Exploration & Producing U.S. Inc.
as Agent for Mobil Producing TX & NM Inc.

3. Address and Telephone No.

P.O. Box 633, Midland, TX 79702 (915) 688-2585

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2056 FNL; 1997 FWL
SEC. 5, T42S, R25E SENW
4/5

5. Lease Designation and Serial No.

14-20-603-373

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation

MCELMO CREEK UNIT

8. Well Name and No.

MCELMO CREEK 0-14

9. API Well No.

43-037-16365

10. Field and Pool, or exploratory Area

GREATER ANETH

11. County or Parish, State

SAN JUAN UT

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

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☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other WORKOVER

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

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☐ Conversion to Injection

☐ Dispose Water

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SEE ATTACHMENT

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

14. I hereby certify that the foregoing is true and correct

Signed Shirley Robinson

Title ENV. & REG. TECHNICIAN

Date 2-9-95

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

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* See Instruction on Reverse Side

MEPUS, FOUR CORNERS AREA
WORKOVER PROGRAM
(REVISED)

FIELD: Greater Aneth
LEASE: McElmo Creek Unit

DATE: 6 FEB 1995
WELL: 0-14
PRISM ID #: 0000343

LOCATION: SE 1/4 of NW 1/4 of Sec. 5 - T41S - R25E

ELEVATION: 4759' RKB
PBSD: 5650 FT. MD.

TOTAL DEPTH: 5790 FT. MD.

WORKOVER RIG: BIG A

WORKOVER FLUID: 10 ppg brine

EXISTING PERFS: 5556'-5586', 5608'-5632' 2 SPF

PROPOSED PERFS: SAME AS EXISTING

LAST INJECTION RATE: 27/July/93: 194 BWPD injected at 2300 psi.

PROPOSED WORK: Pull and lay down 2-7/8", 6.5 lb/ft J-55 EUE 8rd fluorolined KCTS injection tubing, PU 2-7/8" EUE 8rd workstring, retrieve Baker inverted lok-set packer, on/off tool, and downhole shut off valve, clean well out using bit and scraper to PBSD at 5650', run GR/METT/CCL log, PT and squeeze casing as necessary, set a wireline set, tubing retrievable packer, complete well with a latching seal assembly on 2-7/8", 6.5 lb/ft J-55 EUE 8rd KCTS fluorolined tubing.

If the well can not be killed with 10 ppg brine, snubbing operations will be used for this workover until a wireline set production packer having a pump out plug has been set.

JUSTIFICATION: The 0-14 developed 2400 psi pressure on the 5-1/2" casing string in July, 1993 and was shut in due to the well being out of compliance with the EPA. Repairs must be made to eliminate the source of the 5-1/2" casing pressure and bring the well back into compliance to allow the continuation of the miscible flood in this pattern. This well directly supports 30 BOPD pattern production. Detailed economics are as follows:

8/8ths Investment:	\$135M
Production Uplift:	30 BOPD
Payout:	1.25 years
Cashflow:	\$378M
NPV @ 12%:	\$275M
BOPD Uplift/M\$ Invested:	0.22
Response Time:	6 months

PREPARED BY: S. S. MURPHY
OPERATIONS ENGR.

APPROVED BY: _____
FGTT LEAD

Distribution: E. T. Barber - Aneth
T. M. Kuykendall - Cortez
T. Cochrane - Cortez
W. F. Hannes - 1033 MOB
G. D. Cox - 1103 MOB

S. A. Todd - 1206 MOB
J. K. Jenkins - 532 MOB
Aneth Files
Cortez Files

McElmo Creek O-14
Workover Procedure
(REVISED)

1. Lock and tag out all power sources. RU pump and pump lines to christmas tree. Bullhead 50 bbls of 10 ppg brine into well. Observe well the next day to confirm if well is dead.
2. MI workover rig having 108' derrick. Bleed off casing pressure. Unbolt tree and PU 20,000 lbs tension and rotate 1 turn to the left to close downhole shut off valve. If well is not dead, bleed off tubing pressure to confirm downhole shut off valve is closed.
3. Release on/off tool. ND tree. NU and PT BOP's to 3000 psi high and 250 psi low. Circulate hole to 10 ppg brine. PT casing to 1000 psi for 30 minutes (5 percent or less leakoff is acceptable). POH laying down injection tubing. Use open rotary type tongs with backup on collar (Do not use Foster type closed rotary tongs). Install thread protectors while laying down tubing. Send injection tubing to Permian Enterprises in Odessa, Texas for inspection/repair. Send tree to Big Red Tool, Farmington for inspection and replacement of AB modified teflon seal ring in bottom of tree. Have tree returned in time for use on this well.
4. If well was not dead, RU snubbing unit. PU and RIH with 2-7/8" J-55 EUE 8rd workstring and on/off tool skirt. Release Baker inverted Lok-Set packer and POH. RIH with 4-3/4" rock bit without nozzles and casing scraper for 5-1/2", 14/15.5 lb/ft casing on 2-7/8" workstring and CO to PBTD at 5650' EL (Cement retainer). POH.
NOTE: Space casing scraper out to not enter top perforation at 5556'.
5. If 5-1/2" casing failed to PT in Step No. 3, RIH with squeeze packer and locate casing leak. POH. RIH with squeeze packer, 2 jts of 2-3/8" tailpipe and RPB. Set RBP +/- 100' below leak. Set squeeze packer below leak and PT RBP to 2000 psi. Dump 200 lbs of 20/40 sand down workstring slowly and pump to bottom. Wait 1 hour for sand to fall. Reverse out workstring. RIH and tag top of sand to confirm +/- 10' of sand on top of RBP. PU and set tubing tail +/- 50' above location of leak. Set squeeze packer and space out with 15,000 lbs weight on squeeze packer. Pressure backside to 1000 psi and monitor. Establish and injection rate of 1-2 BPM using 10 ppg brine at maximum surface injection pressure of 2500 psi. Mix and pump 5 bbls of fresh water spacer, 100 sxs of class B standard cement with sufficient retarder for 3 hour pump time, followed with 5 bbls fresh water spacer and 10 ppg brine.
6. Displace top of slurry to end of tailpipe or to a maximum injection pressure of 2500 psi. Stage squeeze last 4 bbls of cement as necessary to obtain a final squeeze pressure of at least 2000 psi. Release squeeze packer and reverse out. POH. WOC 12 hours.
7. RIH with 4-3/4" rock bit without nozzles and casing scraper on 2-7/8" workstring and drill out cement. Clean out to top of sand on top of RBP. PT casing to 1000 psi. POH. Resqueeze as necessary. If PT OK then RIH with retrieving tool on workstring. Wash sand off RBP and retrieve same. POH laying down workstring.

8. RU Schlumberger wireline and lubricator. PT lubricator to 1000 psi or wellhead pressure if higher. RIH with GR/METT/CCL and log from PBTD at 5650' to 4600'. POH. RIH with junk basket/guage ring to 5490'. POH.

9. RIH with the following production packer assembly on wireline:

DESCRIPTION	MAX. O.D. in.	MIN. I.D. in.	LENGTH ft.
5-1/2" X 2.688" 14 lb/ft wireline set Guiberson Uni-X retrievable seal bore packer (Nickel plated and plastic coated) with 90 Duro Nitrile ends w/78 Duro Polyepichlorohydrin CO2 center elastomers w/4.5' X 2.688" 316 stainless steel seal bore extension w/Aflas o-rings on all threaded connections	4.75	2.688	11.42
316 stainless steel sealbore AB modified box X 2-3/8" EUE 8rd pin x-over	4.75	1.995	0.75
6 ft 316 stainless steel 2-3/8", 4.7 lb/ft pup joint w/EUE 8rd AB Modified box X pin	3.063	1.995	6.0
316 stainless steel Model F non-ported seating nipple, Size 1.812 w/2-3/8", 4.7 lb/ft EUE 8rd AB Modified box X pin	3.063	1.812	1.0
6 ft 316 stainless steel 2-3/8", 4.7 lb/ft pup joint w/EUE 8rd AB Modified box X pin	3.063	1.995	6.0
316 stainless steel Model R non-ported NoGo seating nipple, Size 1.781 w/2-3/8", 4.7 lb/ft EUE 8rd AB Modified box X pin	3.063	1.728	1.0
316 stainless steel wireline entry guide w/pump-out plug, size 2-3/8", 4.7 lb/ft EUE 8rd AB Modified box	3.063	1.995 (After plug pumped out)	0.5

NOTE: All connections to be made up with Seallube.

10. Set top of packer at 5480'EL. NOTE: Based on METT log, packer setting depth can be adjusted. POH with setting tool. Bleed off casing pressure. RDMD wireline. RD snubbing unit if it was required in previous steps.

11. PU and RIH with the following latch type seal assembly and injection string:

DESCRIPTION	MAX. O.D. in.	MIN. I.D. in.	LENGTH ft.
2-3/8", 4.7 lb/ft AB Modified 8rd X 2.688" Guiberson latch nipple w/ATR seals, 7 ft long spacer tube, one ATR seal nipple, one ATR seal unit, one ATR seal unit made of 316 stainless steel, 1/2 muleshoe made of 316 stainless steel, I.D. of flow area of seal assembly is plastic coated, all 8 TPI stub acme boxes to have Aflas o-rings, all 10 rd boxes to be AB modified with Teflon rings installed. Assembly to be pressure tested to 3000 psi using nitrogen prior to being sent to location.	3.45	1.901	11.0
6' pup joint, 2-3/8" 316 stainless steel 4.7 lb/ft with EUE 8rd AB Modified Box X Pin	3.063	2.25	6.0
316 stainless steel Model F non-ported seating nipple, Size 1.87 w/2-3/8", 4.7 lb/ft EUE 8rd AB Modified box x pin	3.063	1.87	2.0
316 stainless steel 2-7/8", 6.5 lb/ft EUE 8rd AB Modified Box X 2-3/8", 4.7 lb/ft EUE 8rd pin x-over	3.668	2.25	1.0
2-7/8" KCTS box X EUE 8rd pin	3.668	2.14	1.0
2-7/8", 6.5 lb/ft J-55 KCTS (Threadmasters Torque Ring) Fluorolined Tubing w/pup joints as required	3.668	2.14	+/- 548'

- NOTE: A. All new KCTS tubing to be torque turned to 2250 ft-lbs. All connections of seal assembly and tubing to be made up using Seallube. Use permitek on permiserts. Brian Nelson with Threadmasters at 915/550-6342 to be on location while running tubing.
- B. Rabbit tubing with 2.0" O.D. rabbit.

12. Sting seal assembly into production packer and space out for 15,000 lbs compression at surface. PT backside to 500 psi. Rotate to the right and release seal assembly from packer. Install necessary 2-7/8", 6.5 lb/ft J-55 KCTS fluorolined tubing pup joints. Reverse circulate fresh water packer fluid containing 1 percent by volume of Tretolite CRW137 corrosion inhibitor/oxygen scavenger.
13. ND BOPS. Screw on christmas tree. Insure that Teflon ring in box on christmas tree is a new ring. Snap into snap latch and confirm by pulling 10,000 lbs tension. Land tree and bolt up flange. Pressure tubing to 2500 psi and shear out pump out plug. RDMD workover rig. Hook up injection lines. Clean location.

14. Perform Mechanical Integrity Test (MIT) for EPA. Contact Jim Walker of the Navajo EPA in Shiprock at 505/368-1040 to witness. Use chart recorder to record test. Send copies of chart to Shirley Todd, Midland - 1206 MOB, Ed Barber, Aneth, and Aneth files. Fill out Utah tax credit form and submit to Tiny Higman, Cortez office. After obtaining an acceptable MIT, place well on water injection on maximum choke.

VENDORS LIST

<u>DESCRIPTION</u>	<u>VENDOR</u>
Snubbing Unit (If Necessary)	Not Specified
Corrosion Inhibitor	Tretolite
Supervision of running tubulars	Threadmasters
Torque Turn Services	Not Specified
Logging, perforating, junk basket/ gauge ring, packer setting	Schlumberger
Production packer, 316 stainless steel tubing nipples, seal assembly, wireline re-entry guide, pump out plug	Guiberson
316 Stainless steel pup joints, x-overs	Guiberson
Cementing Services (If Necessary)	Cementers, Inc.
Inspection of Christmas Tree	Big Red Tool
Inspection of used tubing string and repair	Permian Interprises
Bit, scraper, squeeze packer, water hauling	Not Specified

ENGINEERS CALCULATION SHEET

CO-1

McElmo Creek Unit # 0-14API # 43-037-16365

JOB OR AUTH. NO.

LOCATION 2056' FNL, 1997' FWL, SEC. 5-T41S-R25E

PAGE

SUBJECT RESIN PROFILE MODIFICATIONDATE 4/OCT/93LEASE 14-20-603-372BY S.S. MURPHYEXISTING

KB: 4759'

GL: 4744'

2-7/8" 6.5# J-55 Fluorolined
EUE 8rd tbg with torque rings

8-5/8" 24# J-55 ST&C
CSG at 1202' cmt'd
w/ 400 sx's to surface

TOC at 4059'

Baker HEL ON-OFF TOOL
Baker Model B Shut-Off Valve
Baker Inverted Lok-set Packer
at 5505'

PERFS

5556-5586', 5608'-5632'
w/ 2SPF Acid Frac'd w/ 17,000
28% HCL

5660'-5696' w/ 2SPF SQZ

5-1/2" 14/15.5# J-55 LT&C
CSG at 5790' cmt'd w/ 300 sx's

Cement Retainer at 5650'

PBSD 5650'

ENGINEERS CALCULATION SHEET

CO-1

McElmo Creek Unit #0-14

API # 43-037-16365

JOB OR AUTH. NO.

LOCATION 2056' FNL, 1977' FWL, SEC. 5-T415-R25E

PAGE

SUBJECT RESIN PROFILE MODIFICATION

DATE 4/OCT/93

LEASE 14-20-603-372

BY S.S. MURPHY

PROPOSED

KB: 4759'

GL: 4744'

2-7/8", 6.5# J-55 Fluorolined
EYE End tbg with tongue rings

8-5/8", 24# J-55 STAC
CSG at 1202' cmt'd
w/ 400 SXS to surface

TOC at 4059'

Guiberson ATR Latching Seal
Assembly

Guiberson Wireline Set Uni-X
Packer at ± 5480'

(SEE ATTACHED EQUIP. DETAIL)

PERFS

5556'-5586', 5608'-5632'
w/25PF Acid Frac'd w/17,900
28% HCL

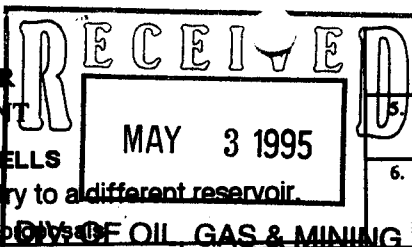
Cement Retainer at 5650'

5660'-5696' w/25PF SQZ'D

5-1/2", 14/15.5# J-55 LTRC
CSG at 5790' cmt'd w/300 SXS

PBTD 5650'

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT - " for such purposes.

5.	Lease Designation and Serial No.
	4-20-603-372
6.	If Indian, Allottee or Tribe Name
	NAVAJO TRIBAL
7.	If Unit or CA, Agreement Designation
	MCCLMO CREEK UNIT
8.	Well Name and No.
	0-14
9.	API Well No.
	43-037-16365
10.	Field and Pool, or exploratory Area
	GREATER ANETH
11.	County or Parish, State
	SAN JUAN UT

SUBMIT IN TRIPLICATE

1. Type of Well
<input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other INJECTOR
2. Name of Operator
Mobil Exploration & Producing U.S. Inc. as Agent for Mobil Producing TX & NM Inc.
3. Address and Telephone No.
P.O. Box 633, Midland, TX 79702 (915) 688-2585
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
809' FSL, 1832' FWL; SEC. 32, T40S, R25E 2056' FNL 1997' FWL 5 THIS,

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other CANCEL W/O SUNDRY
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recommendation Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*
THIS WELL WAS NOT OUT OF COMPLIANCE, THERE WAS A METER FAILURE. PLEASE CANCEL THE WORKOVER SUNDRY DATED 2-9-95.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

14. I hereby certify that the foregoing is true and correct

Signed Shirley Robertson

Title ENV. & REG. TECHNICIAN

Date 04/28/95

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

* See instruction on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT - " for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other INJECTION

2. Name of Operator Mobil Exploration & Producing U.S. Inc.
as Agent for Mobil Producing TX & NM Inc.

3. Address and Telephone No.
P.O. Box 633, Midland, TX 79702 (915) 688-2585

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2056 FNL; 1997 FWL
SEC. 5, T42S, R25E SENW
415

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

14-20-603-372

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation

MCELMO CREEK UNIT

8. Well Name and No.

MCELMO CREEK 0-14

9. API Well No.

43-037-16365

10. Field and Pool, or exploratory Area

GREATER ANETH

11. County or Parish, State

SAN JUAN UT

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

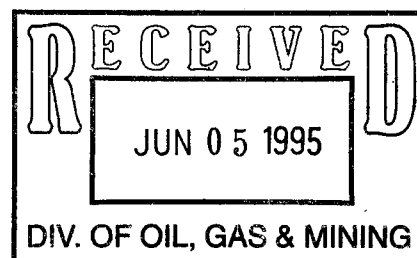
TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other _____
- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

RETURNED TO INJECTION



14. I hereby certify that the foregoing is true and correct

Signed Shuley Robertson

Title ENV. & REG. TECHNICIAN

Date 5-31-95

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT - " for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil
Well

☐ Gas
Well

☒ Other

INJECTION

2. Name of Operator Mobil Exploration & Producing U.S. Inc.
as Agent for Mobil Producing TX & NM Inc.

3. Address and Telephone No.

P.O. Box 633, Midland, TX 79702 (915) 688-2585

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2056 FNL; 1997 FWL
SEC. 5, T42S, R25E SENW

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

14-20-603-372

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NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation

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MCELMO CREEK 0-14

9. API Well No.

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SAN JUAN UT

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

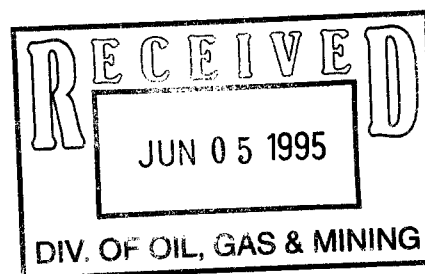
TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other _____
- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

RETURNED TO INJECTION



14. I hereby certify that the foregoing is true and correct

Signed Shuley Robertson

Title ENV. & REG. TECHNICIAN

Date 5-31-95

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

* See instruction on Reverse Side

PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

☐ **Well File** _____
 (Location) Sec _____ Twp _____ Rng _____
 (API No.) _____

☐ **Suspense** _____
 (Return Date) _____
 (To - Initials) _____

☒ **Other** _____
OPER NM CHG _____

1. Date of Phone Call: 8-3-95 Time: _____

2. DOGM Employee (name) L. CORDOVA (Initiated Call ☐)
 Talked to:

Name RJ J. FIRTH (Initiated Call ☒) - Phone No. (_____) _____
 of (Company/Organization) _____

3. Topic of Conversation: M E P N A / N7370

4. Highlights of Conversation: _____

OPERATOR NAME IS BEING CHANGED FROM M E P N A (MOBIL EXPLORATION AND PRODUCING NORTH AMERICA INC) TO MOBIL EXPLOR & PROD. THE NAME CHANGE IS BEING DONE AT THIS TIME TO ALLEVIATE CONFUSION, BOTH IN HOUSE AND AMONGST THE GENERAL PUBLIC.
***SUPERIOR OIL COMPANY MERGED INTO M E P N A 4-24-86 (SEE ATTACHED).**

Mobil Oil Corporation

P.O. BOX 5444
DENVER, COLORADO 80217-5444

May 14, 1986

RECEIVED
MAY 16 1986

Utah Board of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attn: R. J. Firth
Associate Director

DIVISION OF
OIL, GAS & MINING

SUPERIOR OIL COMPANY MERGER

Dear Mr. Firth:

On September 20, 1984, The Superior Oil Company (Superior) became a wholly owned subsidiary of Mobil Corporation. Since January 1, 1985, Mobil Oil Corporation (MOC), another wholly owned subsidiary of Mobil Corporation, has acted as agent for Superior and has operated the Superior-owned properties.

On April 24, 1986, Superior was merged with Mobil Exploration and Producing North America Inc. (MEPNA), which is also a wholly owned subsidiary of Mobil Corporation. MEPNA is the surviving company of the merger.

This letter is to advise you that all properties held in the name of Superior will now be held in the name of MEPNA; and that these properties will continue to be operated by MOC as agent for MEPNA.

Attached is a listing of all wells and a separate listing of injection-disposal wells, Designation of Agent and an organization chart illustrating the relationships of the various companies. If you have any questions or require additional documentation of this merger, please feel free to contact me at the above address or (303) 298-2577.

Very truly yours,



CNE/rd
CNE8661

R. D. Baker
Environmental Regulatory Manager

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

☐ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☒ Operator Name Change Only

Routing:	
1-LEC	7-PL
2-LWP	8-SJ
3-DEC	9-FILE
4-VLC	
5-RJF	
6-LWP	

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 8-2-95)

TO (new operator) MOBIL EXPLOR & PROD
(address) C/O MOBIL OIL CORP
PO DRAWER G
CORTEZ CO 81321
phone (303) 564-5212
account no. N7370

FROM (former operator) M E P N A
(address) C/O MOBIL OIL CORP
PO DRAWER G
CORTEZ CO 81321
phone (303) 564-5212
account no. N7370

Well(s) (attach additional page if needed):

Name: ** SEE ATTACHED **	API: <u>037-16365</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- N/A 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form).
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) _____ If yes, show company file number: _____.
- N/A 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- LWP 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (8-3-95)
- LWP 6. Cardex file has been updated for each well listed above. 8-21-95
- LWP 7. Well file labels have been updated for each well listed above. 9-28-95
- LWP 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (8-3-95)
- LWP 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) (no) (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only) ** No Fee Lease Wells at this time!*

- N/A Yes 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) . Today's date 19 . If yes, division response was made by letter dated 19 .

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A UTS 8/5/95 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19 , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

- ✓ 1. All attachments to this form have been microfilmed. Date: October 4 1995.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

950803 UIC F5/Not necessary!

STATE OF UTAH
INVENTORY OF INJECTION WELLS

OPERATOR	API NO.	WELL	TNS	RGE	SE	WELLTYPE	INDIAN COUNT
*****	*****	*****	***	***	**	*****	*****
✓MEPNA (MOBIL	43-037-30974	G-21A	41S	24E	13	INJW	Y
✓MEPNA (MOBIL	43-037-16344	E-23	41S	24E	14	INJW	Y
✓MEPNA (MOBIL	43-037-16343	E-21	41S	24E	14	INJW	Y
✓MEPNA (MOBIL	43-037-16353	I-25	41S	24E	24	INJW	Y
✓MEPNA (MOBIL	43-037-16349	G-25	41S	24E	24	INJW	Y
✓MEPNA (MOBIL	43-037-16384	V-15	41S	25E	3	INJI	Y
✓MEPNA (MOBIL	43-037-16383	V-13	41S	25E	3	INJW	Y
✓MEPNA (MOBIL	43-037-16157	U-16	41S	25E	4	INJW	Y
✓MEPNA (MOBIL	43-037-16148	R-13	41S	25E	4	INJW	Y
✓MEPNA (MOBIL	43-037-16149	R-15	41S	25E	4	INJW	Y
✓MEPNA (MOBIL	43-037-16378	T-13	41S	25E	4	INJW	Y
✓MEPNA (MOBIL	43-037-16379	T-15	41S	25E	4	INJW	Y
✓MEPNA (MOBIL	43-037-16156	U-14	41S	25E	4	INJW	Y
✓MEPNA (MOBIL	43-037-16152	S-16	41S	25E	4	INJW	Y
✓MEPNA (MOBIL	43-037-16151	S-14	41S	25E	4	INJW	Y
✓MEPNA (MOBIL	43-037-16365	O-14	41S	25E	5	INJW	Y
✓MEPNA (MOBIL	43-037-15969	O-16	41S	25E	5	INJW	Y
✓MEPNA (MOBIL	43-037-16363	N-15	41S	25E	5	INJW	Y
✓MEPNA (MOBIL	43-037-15966	N-13	41S	25E	5	INJW	Y
✓MEPNA (MOBIL	43-037-15975	Q-16	41S	25E	5	INJW	Y
✓MEPNA (MOBIL	43-037-15974	Q-14	41S	25E	5	INJW	Y
✓MEPNA (MOBIL	43-037-15972	P-15	41S	25E	5	INJW	Y
✓MEPNA (MOBIL	43-037-16368	P-13	41S	25E	5	INJW	Y
✓MEPNA (MOBIL	43-037-15960	L-15	41S	25E	6	INJI	Y
✓MEPNA (MOBIL	43-037-16355	J-13	41S	25E	6	INJW	Y
✓MEPNA (MOBIL	43-037-15959	L-13	41S	25E	6	INJW	Y
✓MEPNA (MOBIL	43-037-15963	M-14	41S	25E	6	INJI	Y
✓MEPNA (MOBIL	43-037-15957	K-16	41S	25E	6	INJI	Y
✓MEPNA (MOBIL	43-037-15954	J-15	41S	25E	6	INJI	Y
✓MEPNA (MOBIL	43-037-15956	K-14	41S	25E	6	INJW	Y
✓MEPNA (MOBIL	43-037-16361	M-16	41S	25E	6	INJW	Y
✓MEPNA (MOBIL	43-037-15498	J-17	41S	25E	7	INJW	Y
✓MEPNA (MOBIL	43-037-15511	M-20	41S	25E	7	INJW	Y
✓MEPNA (MOBIL	43-037-15510	M-18	41S	25E	7	INJW	Y
✓MEPNA (MOBIL	43-037-15505	L-19	41S	25E	7	INJW	Y
✓MEPNA (MOBIL	43-037-16360	L-17	41S	25E	7	INJW	Y
✓MEPNA (MOBIL	43-037-15503	K-20	41S	25E	7	INJW	Y
✓MEPNA (MOBIL	43-037-16357	K-18	41S	25E	7	INJW	Y
✓MEPNA (MOBIL	43-037-16356	J-19	41S	25E	7	INJW	Y
✓MEPNA (MOBIL	43-037-15519	P-17	41S	25E	8	INJW	Y
✓MEPNA (MOBIL	43-037-15515	N-19	41S	25E	8	INJW	Y
✓MEPNA (MOBIL	43-037-15514	N-17	41S	25E	8	INJW	Y
✓MEPNA (MOBIL	43-037-15520	P-19	41S	25E	8	INJW	Y
✓MEPNA (MOBIL	43-037-15517	O-18	41S	25E	8	INJW	Y
✓MEPNA (MOBIL	43-037-16373	R-19	41S	25E	9	INJW	Y
✓MEPNA (MOBIL	43-037-15976	R-17	41S	25E	9	INJI	Y
✓MEPNA (MOBIL	43-037-16380	T-17	41S	25E	9	INJW	Y
✓MEPNA (MOBIL	43-037-16374	R-21	41S	25E	16	INJW	Y
✓MEPNA (MOBIL	43-037-31439	P-23A	41S	25E	17	INJW	Y
✓MEPNA (MOBIL	43-037-15516	N-21	41S	25E	17	INJW	Y
✓MEPNA (MOBIL	43-037-16369	P-21	41S	25E	17	INJW	Y
✓MEPNA (MOBIL	43-037-16364	N-23	41S	25E	17	INJW	Y
✓MEPNA (MOBIL	43-037-15507	L-23	41S	25E	18	INJW	Y

ExxonMobil Production Company
U.S. West
P.O. Box 4358
Houston, Texas 77210-4358

June 27, 2001

ExxonMobil
Production

Mr. Jim Thompson
State of Utah, Division of Oil, Gas and Mining
1549 West North Temple
Suite 1210
Salt Lake City, UT 84114-5801

Change of Name – Mobil Oil Corporation to
ExxonMobil Oil Corporation

Dear Mr. Thompson

Effective June 1, 2001, Mobil Oil Corporation (MOC) changed its name to ExxonMobil Oil Corporation (EMOC). This was a name change only; EMOC is the same corporation as Mobil Oil Corporation, but with a new name. No facility or other asset was transferred from one corporation to another by virtue of the name change. Specifically, EMOC will remain the owner and operator of its existing exploration and production oil and gas properties and facilities, as well as relevant permits.

There is no change to the name of Exxon Mobil Corporation, the ultimate shareholder of EMOC.

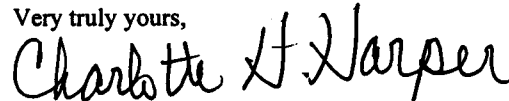
Please note the change of name of MOC to ExxonMobil Oil Corporation in your records pertaining to any MOC permits.

The Federal Identification Number for MOC (13-5401570) will remain the same for EMOC.

A copy of the Certification, Bond Rider and a list of wells are attached.

If you have any questions please feel free to call Joel Talavera at 713-431-1010

Very truly yours,



Charlotte H. Harper
Permitting Supervisor

ExxonMobil Production Company
a division of Exxon Mobil Corporation,
acting for ExxonMobil Oil Corporation

RECEIVED

JUN 29 2001

DIVISION OF
OIL, GAS AND MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS
*Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.*

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other Injection Well		5. Lease Serial No. 14-20-603-372
2. Name of Operator Exxon Mobil Corporation		6. If Indian, Allottee or Tribe Name NAVAJO TRIBAL
3a. Address P.O. Box 4358 Houston TX 77210-4358	3b. Phone No. (include area code) (713) 431-1197	7. If Unit or CA/Agreement, Name and/or No. MCELMO CREEK UNIT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2056' FNL & 1997' FWL Sec 5 T41S R25E BSENV		8. Well Name and No. McElmo Creek Unit O-14
		9. API Well No. 43-037-16365
		GREATER ANETH
		11. County or Parish, State SAN JUAN UT

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other Pressure Notification
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including recalculation, have been completed, and the operator has determined that the site is ready for final inspection.)

McElmo Creek Unit #O-14 encountered backside pressure of 2345#. This well has been shut-in for repairs. The well was shut-in on August 20, 2001. NNEPA and USEPA were notified of pressure on August 22, 2001. Field personnel will monitor and attempt to bleed down. Repair plans to be submitted shortly. We show due date for repairs to be October 20, 2001.

Kim Lynch
Sr. Staff Office Assistant
ExxonMobil Production Company,
a division of Exxon Mobil Corporation, acting for
Mobil Producing Texas & New Mexico, Inc.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

RECEIVED

AUG 27 2001

DIVISION OF
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Kim Lynch	Title Sr. Staff Office Assistant
Signature <i>Kim Lynch</i>	Date 08/24/2001

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on Reverse)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other Injection Well		5. Lease Serial No. 14-20-603-372
2. Name of Operator Mobil Producing TX & NM, Inc.		6. If Indian, Allottee or Tribe Name NAVAJO TRIBAL
3a. Address P. O. Box 4358 Houston TX 77210-4358	3b. Phone No. (include area code) (713) 431-1197	7. If Unit or CA/Agreement, Name and/or No. MCELMO CREEK UNIT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2056' FNL & 1997' FWL Sec 5 T41S R25E BSENW		8. Well Name and No. McElmo Creek Unit O-14
		9. API Well No. 43-037-16365
		10. County or Parish, State SAN JUAN UT

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other Repair Plans
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including recalculation, have been completed, and the operator has determined that the site is ready for final inspection.)

Field personnel have set a plug on wireline and will maintain psi bleed-off until rig is available to repair.

At rig up we will: 1) Psi test tubing to determine leak, 2) Release from packer, POOH with tubing and replace all that do not pass hydrotest, 3) RIH with tubing and nitrogen test connections, latch back on to packer, 4) Perform MIT and return well to injection

We show due date for repair to be October 20, 2001.

Kim Lynch
Sr. Staff Office Assistant
ExxonMobil Production Company,
a division of Exxon Mobil Corporation, acting for
Mobil Producing Texas & New Mexico, Inc.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Kim Lynch	Title Sr. Staff Office Assistant
Signature <i>Kim Lynch</i>	Date 08/28/2001

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on Reverse)

RECEIVED
AUG 29 2001
DIVISION OF
OIL, GAS AND MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other **Injection Well**

2. Name of Operator

Mobil Producing TX & NM, Inc.

3a. Address **P. O. Box 4358**

Houston

TX 77210-4358

3b. Phone No. (include area code)

(713) 431-1197

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2056' FNL & 1997' FWL

Sec 5 T41S R25E BSENW

5. Lease Serial No.

14-20-603-372

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA/Agreement, Name and/or No.

MCELMO CREEK UNIT

8. Well Name and No.

McElmo Creek Unit

O-14

9. API Well No.

43-037-16365

GREATER ANETH

11. County or Parish, State

SAN JUAN

UT

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Completed repairs
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including recalculation, have been completed, and the operator has determined that the site is ready for final inspection.)

Attached please find a summary of work performed on McElmo Creek Unit #O-14 from 9/28/01 to 10/16/01. Also attached is a copy of MIT performed on 10/25/01.

Kim Lynch
Sr. Staff Office Assistant
ExxonMobil Production Company,
a division of Exxon Mobil Corporation, acting for
Mobil Producing Texas & New Mexico, Inc.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

RECEIVED

NOV 13 2001

DIVISION OF
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Kim Lynch

Title

Sr. Staff Office Assistant

Signature

Kim Lynch

Date

11/12/2001

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on Reverse)

McElmo Creek Unit #O-14
San Juan County, Utah
14-20-603-372

2001/09/28 (Friday)

PRESSURE TEST CSG TO 1300 PSI. HELD GOOD. ATTEMPT TO PRESSURE TEST TBG BUT DID NOT CATCH PRESSURE. SEALS ON PLUG MUST BE WASHED OUT.

2001/10/02 (Tuesday)

MIRU SLICKLINE. TEST BOPE AND LUBRICATOR. RIH WITH EQUALIZING PROBE. COULD NOT FIND PLUG. RIH TO 5631'. POOH. ACCORDING TO WELL FILES, A JOB WAS SUPPOSED TO HAVE BEEN DONE IN '95 THAT WOULD HAVE PUT A 1.78" PROFILE NIPPLE AT THE DEPTH WE FOUND THE NIPPLE. EVIDENTLY THAT NIPPLE WAS NEVER INSTALLED. RAN A 1.906 GR TO 5493'. POOH. RIH WITH 1.865 GR TO 5493'. POOH. RIH WITH 1.81 'F' PLUG AND SET IN PROFILE. BLED OFF TBG AND RD SLICKLINE.

2001/10/03 (Wednesday)

TP/CP = 0. MIRU WEATHERFORD PERFORATORS. PRESSURE TEST BOPE AND LUBRICATOR. RIH AND SHOOT 10 HOLES FROM 5460'-5462'. RD PERFORATORS AND MO. FILL HOLE WITH PRODUCED FLUID AND PRESSURE TEST CSG TO 1000 PSI FOR 30 MIN. GOOD. BLED OFF.

2001/10/10 (Wednesday)

MIRU WSU. ROLL HOLE W/ KWF. NDWH, NU AND FUNCTION TEST BOPE. J OFF ON/OFF TOOL AND LAY DOWN ONE JT. SION.

2001/10/11 (Thursday)

SITP/CP = 0. OPEN WELL AND POOH WITH 2 JTS. PU STORM PACKER AND RIH. PRESSURE TEST BOPE AND POOH WITH STORM PACKER. RU CAMPBELL'S TESTERS AND HYDROTEST TUBING OUT OF THE HOLE. ALL TESTED GOOD. ON/OFF TOOL LOOKS OK, SEALS SEEM A LITTLE HARD. XO TESTERS AND BEGIN N2 TESTING IN THE HOLE. TESTED A SINGLE AND 28 STANDS AND SION.

2001/10/12 (Friday)

SITP/CP = 0. OPEN WELL AND CONTINUE TESTING IN THE HOLE. ALL TESTED GOOD. J ONTO PACKER AND SION. HAD TO SHUT DOWN FOR 3-4 HRS DUE TO HIGH WINDS.

2001/10/15 (Monday)

SITP/CP = 0. OPEN WELL AND J OFF OF ON/OFF TOOL. ROLL HOLE WITH PACKER FLUID. LATCH BACK ONTO TOOL RU SLICKLINE AND RIH. SHEAR PLUG AND BACKFLOW WELL TO VERIFY THAT THE DH SHUTOFF VALVE IS OPEN. PULL PLUG & REDRESS. RIH AND RESET PLUG. RDMO SLICKLINE. SET BP VALVE IN TBG HANGER AND NDBOPE. NUWH AND PULL BP VALVE. TEST CSG AND PACKER TO 1000 PSI FOR 30 MIN. GOOD TEST. RDMO WSU.

2001/10/16 (Tuesday)

MIRU SLICKLINE. RIH AND RETRIEVE PLUG FROM PROFILE. TURNED WELL OVER TO OPERATIONS FOR OFFICIAL MIT. FINAL BHA: BAKER INERTED LOCKSET PACKER @ 5505', BAKER MODEL 'B' SHUT-OFF VALVE, BAKER HEL ON/OFF TOOL WITH 1.81 'F' PROFILE @ 5493', 167 JTS OF 2 7/8 CL TBG. NOTE THIS WELL NOW HAS BP VALVE CAPABILITY IN THE TBG HANGER.

ANNULAR PRESSURE TEST

(Mechanical Integrity Test)

Permits

NOV 05 2001

Operator Exxon Mobil Date of Test 10/25/01
 Well Name McElmo Creek Unit Well # D-14 EPA Permit No. _____
 Location SE NW Sec 5, T41S, R25E Tribal Lease No. 14201003372
 State and County San Juan County, Utah

Continuous Recorder? YES ☒ NO ☐ Pressure Gauge? YES ☒ NO ☐
 Bradenhead Opened? YES ☒ NO ☐ Fluid Flow? YES ☐ NO ☒

TIME	0-1500 ANNULUS PRESSURE, psi gauge	0-1500 psi Recorder	0-3000 psi TUBING PRESSURE, psi gauge
10:20 am	1075	1075	1725
10:25 am	1075	1070	1725
10:30 am	1075	1065	1725
10:35 am	1075	1065	1725
10:40 am	1070	1065	1725
10:45 am	1070	1065	1725
10:50 am	1068	1063	1725

MAX. INJECTION PRESSURE: 3000 PSI

MAX. ALLOWABLE PRESSURE CHANGE: 53.75 PSI (TEST PRESSURE X 0.05)

REMARKS: Passed? Failed? If failed, cease injection until well passes MIT (40CFR§144.21(c)(6)).

Inactive, recent workover, leak from the casing valve, Exxon mobil to apply grease to seal the leak.
 Passed MIT

ALBERT M. THOMPSON Albert Thompson
 COMPANY REPRESENTATIVE: (Print and Sign)

10/25/01
 DATE

MELVINA K. CLARK Melvina K. Clark
 INSPECTOR: (Print and Sign)

10/25/01
 DATE

Permits

NOV 05 2001

MIDNIGHT

NOON

Exxon Mobil
GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK

MCH # 0-14 SEMW
CHART NO. MC MP-1500 sec 5 R/S
10-25-01 RISE sec 2

METER
END

Passed
TAKEN OFF
10:50 AM

CHART PUT ON
10:20 AM

LOCATION MITE 0-14
REMARKS injection well

mchl Amy



IN REPLY REFER TO:

United States Department of the Interior

BUREAU OF INDIAN AFFAIRS

Navajo Area Office
NAVAJO REGION

P.O. Box 1060

Gallup, New Mexico 87305-1060

AUG 30 2001

RRES/543

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Charlotte H. Harper, Permitting Supervisor
Exxon Mobil Production Company
U. S. West
P. O. Box 4358
Houston, TX 77210-4358

Dear Ms. Harper:

This is to acknowledge receipt of your company's name change from Mobil Oil Corporation to ExxonMobil Oil Corporation effective June 1, 2001. The receipt of documents includes the Name Change Certification, current listing of Officers and Directors, Listing of Leases, Financial Statement, filing fees of \$75.00 and a copy of the Rider for Bond Number 8027 31 97. There are no other changes.

Please note that we will provide copies of these documents to other concerned parties. If you need further assistance, you may contact Ms. Bertha Spencer, Realty Specialist, at (928) 871-5938.

Sincerely,

GEMINI DENETSONE

Regional Realty Officer

cc: BLM, Farmington Field Office w/enclosures ✓
Navajo Nation Minerals Office, Attn: Mr. Akhtar Zaman, Director/w enclosures

MINERAL RESOURCES	
ADM 1	<i>DB/M</i>
NATV AM MIN COORD _____	
SOLID MIN TEAM _____	
PETRO MENT TEAM <i>2</i> _____	
O & G INSPECT TEAM _____	
ALL TEAM LEADERS _____	
LAND RESOURCES _____	
ENVIRONMENT _____	
FILES _____	

ExxonMobil Production Company
U.S. West
P.O. Box 4358
Houston, Texas 77210-4358

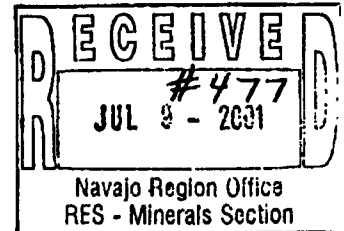
7/12/2001
JH
543
File

June 27, 2001

ExxonMobil
Production

Certified Mail
Return Receipt Requested

Ms. Genni Denetsone
United States Department of the Interior
Bureau of Indian Affairs, Navajo Region
Real Estate Services
P. O. Box 1060
Gallup, New Mexico 87305-1060
Mail Code 543



Change of Name -
Mobil Oil Corporation to
ExxonMobil Oil Corporation

Dear Ms. Denetsone:

Effective June 1, 2001, Mobil Oil Corporation (MOC) changed its name to ExxonMobil Oil Corporation (EMOC). This was a name change only; EMOC is the same corporation as Mobil Oil Corporation, but with a new name. No facility or other asset was transferred from one corporation to another by virtue of the name change. Specifically, EMOC will remain the owner and operator of its existing exploration and production oil and gas properties and facilities, as well as relevant permits.

There is no change to the name of Exxon Mobil Corporation, the ultimate shareholder of EMOC.

Please note the change of name of MOC to ExxonMobil Oil Corporation in your records pertaining to any MOC permits.

The Federal Identification Number for MOC (13-5401570) will remain the same for EMOC.

Attached is the Name Change Certification, Current listing of Officers and Directors, Filing Fee of \$75/-. Listing of Leases, Financial Statement and a copy of the Rider for Bond number 8027 31 97. The original Bond Rider has been sent to Ms. Barbar Davis at your Washington Office.

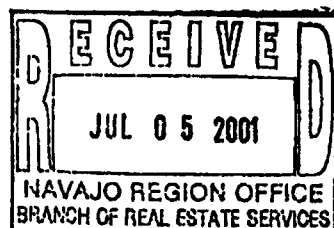
If you have any questions, please contact Alex Correa at (713) 431-1012.

Very truly yours,

Charlotte H. Harper

Charlotte H. Harper
Permitting Supervisor

Attachments



ExxonMobil Production Company
a division of Exxon Mobil Corporation,
acting for ExxonMobil Oil Corporation

NOTE: Check forwarded to Ella Isaac

Bureau of Indian Affairs
Navajo Region Office
Attn: RRES - Mineral and Mining Section
P.O. Box 1060
Gallup, New Mexico 87305-1060

Gentlemen:

The current listing of officers and director of ExxonMobil Oil Corporation (Name of Corporation), of New York (State) is as follows:

OFFICERS

President	<u>F.A. Risch</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>
Vice President	<u>K.T. Koonce</u>	Address <u>800 Bell Street Houston, TX 77002</u>
Secretary	<u>F.L. Reid</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>
Treasure	<u>B.A. Maher</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>

DIRECTORS

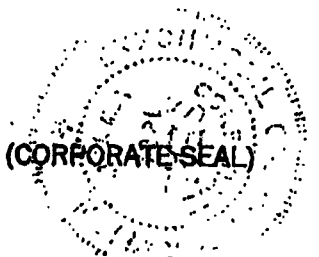
Name	<u>D.D. Humphreys</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>
Name	<u>P.A. Hanson</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>
Name	<u>T.P. Townsend</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>
Name	<u>B.A. Maher</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>
Name	<u>F.A. Risch</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>


Sincerely,



Alex Correa

This is to certify that the above information pertaining to ExxonMobil Oil Corporation (Corporation) is true and correct as evidenced by the records and accounts covering business for the State of Utah and in the custody of Corporation Service Company (Agent), Phone: 1 (800) 927-9800 whose business address is One Utah Center, 201 South Main Street, Salt Lake City, Utah 84111-2218




Signature
AGENT AND ATTORNEY IN FACT
Title

SAL

CERTIFICATION

I, the undersigned Assistant Secretary of ExxonMobil Oil Corporation. (formerly Mobil Oil Corporation), a corporation organized and existing under the laws of the State of New York, United States of America, DO HEREBY CERTIFY, That, the following is a true and exact copy of the resolutions adopted by the Board of Directors on May 22, 2001:

CHANGE OF COMPANY NAME

WHEREAS, the undersigned Directors of the Corporation deem it to be in the best interest of the Corporation to amend the Certificate of Incorporation of the Corporation to change the name and principal office of the Corporation:

NOW THEREFORE BE IT RESOLVED, That Article 1st relating to the corporate name is hereby amended to read as follows:

"1st The corporate name of said Company shall be,

ExxonMobil Oil Corporation",

FURTHER RESOLVED, That the amendment of the Corporation's Certificate of Incorporation referred to in the preceding resolutions be submitted to the sole shareholder of the Corporation entitled to vote thereon for its approval and, if such shareholder gives its written consent, pursuant to Section 803 of the Business Corporation Law of the State of New York, approving such amendment, the proper officers of the Corporation be, and they hereby are, authorized to execute in the name of the Corporation the Certificate of Amendment of Certificate of Incorporation, in the form attached hereto;

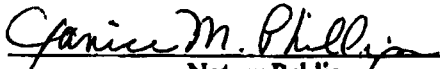
FURTHER RESOLVED, That the proper officers of the Corporation be and they hereby are authorized and directed to deliver, file and record in its behalf, the Certificate of Amendment of Certificate of Incorporation, and to take such action as may be deemed necessary or advisable to confirm and make effective in all respects the change of this Company's name to EXXONMOBIL OIL CORPORATION.

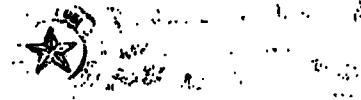
WITNESS, my hand and the seal of the Corporation at Irving, Texas, this 8th day of June, 2001.


Assistant Secretary

COUNTY OF DALLAS)
STATE OF TEXAS)
UNITED STATES OF AMERICA)

Sworn to and subscribed before me at Irving, Texas, U. S. A. on this the 8th day of June, 2001.


Notary Public



LISTING OF LEASES OF MOBIL OIL CORPORATION**Lease Number**

- 1) 14-20-0603-6504
- 2) 14-20-0603-6505
- 3) 14-20-0603-6506
- 4) 14-20-0603-6508
- 5) 14-20-0603-6509
- 6) 14-20-0603-6510
- 7) 14-20-0603-7171
- 8) 14-20-0603-7172A
- 9) 14-20-600-3530
- 10) 14-20-603-359
- 11) 14-20-603-368
- 12) 14-20-603-370
- 13) 14-20-603-370A
- 14) 14-20-603-372
- 15) 14-20-603-372A
- 16) 14-20-603-4495
- 17) 14-20-603-5447
- 18) 14-20-603-5448
- 19) 14-20-603-5449
- 20) 14-20-603-5450
- 21) 14-20-603-5451

6/1/01

CHUBB GROUP OF INSURANCE COMPANIES

One Chubb Group North, Suite 1400, Houston, Texas 77027-3501
Telephone: (713) 297-4600 • Facsimile: (713) 297-4750

NW Bond

FEDERAL INSURANCE COMPANY RIDER
to be attached to and form a part of

BOND NO 8027 31 97

wherein

Mobil Oil Corporation and Mobil Exploration and Producing U.S., Inc. is
named as Principal and

FEDERAL INSURANCE COMPANY AS SURETY,

in favor of **United States of America, Department of the Interior**
Bureau of Indian Affairs

in the amount of **\$150,000.00**

bond date: 11/01/65

IT IS HEREBY UNDERSTOOD AND AGREED THAT effective June 1, 2001
the name of the Principal is changed

FROM: Mobil Oil Corporation and Mobil Exploration and Producing U.S., Inc.

TO : ExxonMobil Oil Corporation

All other terms and conditions of this Bond are unchanged.

Signed, sealed and dated this 12th of June, 2001.

ExxonMobil Oil Corporation

By: 

FEDERAL INSURANCE COMPANY

By: 

Mary Pierson, Attorney-in-fact

**Chubb
Surety****POWER
OF
ATTORNEY****Federal Insurance Company
Vigilant Insurance Company
Pacific Indemnity Company****Attn.: Surety Department
15 Mountain View Road
Warren, NJ 07059**

Know All by These Presents, That FEDERAL INSURANCE COMPANY, an Indiana corporation, VIGILANT INSURANCE COMPANY, a New York corporation, and PACIFIC INDEMNITY COMPANY, a Wisconsin corporation, do each hereby constitute and appoint R.F. Bobo,
Mary Pierson, Philana Berros, and Jody E. Specht of Houston, Texas-----

each as their true and lawful Attorney-in-Fact to execute under such designation in their names and to affix their corporate seals to and deliver for and on their behalf as surety thereon or otherwise, bonds and undertakings and other writings obligatory in the nature thereof (other than bail bonds) given or executed in the course of business, and any instruments amending or altering the same, and consents to the modification or alteration of any instrument referred to in said bonds or obligations.

In Witness Whereof, said FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY have each executed and attested these presents and affixed their corporate seals on this 10th day of May, 2001.

Kenneth C. Wendel
Kenneth C. Wendel, Assistant Secretary

Frank E. Robertson
Frank E. Robertson, Vice President

STATE OF NEW JERSEY } ss.
County of Somerset

On this 10th day of May, 2001, before me, a Notary Public of New Jersey, personally came Kenneth C. Wendel, to me known to be Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY, the companies which executed the foregoing Power of Attorney, and the said Kenneth C. Wendel being by me duly sworn, did depose and say that he is Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY and knows the corporate seals thereof, that the seals affixed to the foregoing Power of Attorney are such corporate seals and were thereto affixed by authority of the By-Laws of said Companies; and that he signed said Power of Attorney as Assistant Secretary of said Companies by like authority; and that he is acquainted with Frank E. Robertson, and knows him to be Vice President of said Companies; and that the signature of Frank E. Robertson, subscribed to said Power of Attorney is in the genuine handwriting of Frank E. Robertson, and was thereto subscribed by authority of said Companies in the presence of the said Notary Public.



Notary Public State of New Jersey
No. 2231647

Commission Expires Oct 28, 2004

Karen A. Price
Notary Public

Extract from the By-Laws of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY:

"All powers of attorney for and on behalf of the Company may and shall be executed in the name and on behalf of the Company, either by the Chairman or the President or a Vice President or an Assistant Vice President, jointly with the Secretary or an Assistant Secretary, under their respective designations. The signature of such officers may be engraved, printed or lithographed. The signature of each of the following officers: Chairman, President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary and the seal of the Company may be affixed by facsimile to any power of attorney or to any certificate relating thereto appointing Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such power of attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding upon the Company with respect to any bond or undertaking to which it is attached."

I, Kenneth C. Wendel, Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY (the "Companies") do hereby certify that

- (i) the foregoing extract of the By-Laws of the Companies is true and correct,
- (ii) the Companies are duly licensed and authorized to transact surety business in all 50 of the United States of America and the District of Columbia and are authorized by the U. S. Treasury Department; further, Federal and Vigilant are licensed in Puerto Rico and the U. S. Virgin Islands, and Federal is licensed in American Samoa, Guam, and each of the Provinces of Canada except Prince Edward Island; and
- (iii) the foregoing Power of Attorney is true, correct and in full force and effect.

Given under my hand and seals of said Companies at Warren, NJ this 12th day of June, 2001



Kenneth C. Wendel
Kenneth C. Wendel, Assistant Secretary

IN THE EVENT YOU WISH TO NOTIFY US OF A CLAIM, VERIFY THE AUTHENTICITY OF THIS BOND OR NOTIFY US OF ANY OTHER MATTER, PLEASE CONTACT US AT ADDRESS LISTED ABOVE, OR BY
Telephone (908) 903-3485 Fax (908) 903-3656 e-mail: surety@chubb.com

CSC

5184334741

06/01 '01 08:46 NO.410 03/05

CSC

06/01 '01 09:06 NO.135 02/04

F010601000187

**CERTIFICATE OF AMENDMENT
OF
CERTIFICATE OF INCORPORATION
OF
MOBIL OIL CORPORATION**

CSC 45

(Under Section 805 of the Business Corporation Law)

Pursuant to the provisions of Section 805 of the Business Corporation Law, the undersigned President and Secretary, respectively, of Mobil Oil Corporation hereby certify:

FIRST: That the name of the corporation is **MOBIL OIL CORPORATION** and that said corporation was incorporated under the name of Standard Oil Company of New York.

SECOND: That the Certificate of Incorporation of the corporation was filed by the Department of State, Albany, New York, on the 10th day of August, 1882.

THIRD: That the amendments to the Certificate of Incorporation effected by this Certificate are as follows:

(a) Article 1st of the Certificate of Incorporation, relating to the corporate name, is hereby amended to read as follows:

"1st The corporate name of said Company shall be,
ExxonMobil Oil Corporation,"

(b) Article 7th of the Certificate of Incorporation, relating to the office of the corporation is hereby amended to read as follows:

The office of the corporation within the State of New York is to be located in the County of Albany. The Company shall have offices at such other places as the Board of Directors may from time to time determine.


CSC
CSC

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06/01 '01 08:47 NO.410 04/05
06/01 '01 09:06 NO.133 03/04

FOURTH: That the amendments to the Certificate of Incorporation were authorized by the Board of Directors followed by the holder of all outstanding shares entitled to vote on amendments to the Certificate of Incorporation by written consent of the sole shareholder dated May 22, 2001.

IN WITNESS WHEREOF, this Certificate has been signed this 22nd Day of May, 2001.


F. A. Risch, President

STATE OF TEXAS)
COUNTY OF DALLAS)

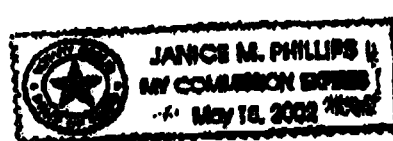
F. L. REID, being duly sworn, deposes and says that he is the Secretary of MOBIL OIL CORPORATION, the corporation mentioned and described in the foregoing instrument; that he has read and signed the same and that the statements contained therein are true.


F. L. REID, Secretary

SUBSCRIBED AND SWORN TO before me, the undersigned authority, on this the 22nd day of May, 2001.

[SEAL]


NOTARY PUBLIC, STATE OF TEXAS



=> CSC

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06/01'01 08:19

CSC
CSC

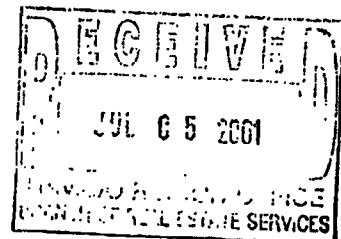
5184334741

06/01 '01 09:01 NO.411 02/02
06/01 '01 09:06 NO.133 04/04
F010601000187**CSC 45****CERTIFICATE OF AMENDMENT****OF****MOBIL OIL CORPORATION**

Under Section 805 of the Business Corporation Law

*SAC***STATE OF NEW YORK
DEPARTMENT OF STATE**Filed by: EXXONMOBIL CORPORATION
(Name)

FILED JUN 01 2001

6949 Las Colinas Blvd.
(Mailing address)TAX \$ _____
BY: *SAC*Irving, TX 75039-2298
(City, State and Zip code)*ny Albany**Cust Ref # 1655781MPJ***010601000195**

=> CSC

,TEL=5184334741

06/01'01 08:19

*State of New York }
Department of State } ss:*

I hereby certify that the annexed copy has been compared with the original document in the custody of the Secretary of State and that the same is a true copy of said original.

Witness my hand and seal of the Department of State on **JUN 01 2001**



A handwritten signature in black ink, appearing to read "J. H. ...", followed by a long horizontal line.

Special Deputy Secretary of State

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: **06-01-2001**

FROM: (Old Operator):	TO: (New Operator):
MOBIL EXPLORATION & PRODUCTION	EXXONMOBIL OIL CORPORATION
Address: P O BOX DRAWER "G"	Address: U S WEST P O BOX 4358
CORTEZ, CO 81321	HOUSTON, TX 77210-4358
Phone: 1-(970)-564-5212	Phone: 1-(713)-431-1010
Account No. N7370	Account No. N1855

CA No.

Unit:

MCELMO CREEK

WELL(S)

NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
MCELMO CREEK S-16	04-41S-25E	43-037-16152	5980	INDIAN	WI	A
MCELMO CR U-14	04-41S-25E	43-037-16156	5980	INDIAN	WI	A
MCELMO CR U-16	04-41S-25E	43-037-16157	5980	INDIAN	WI	A
NAVAJO P-4 (MCELMO R-13)	04-41S-25E	43-037-16148	99990	INDIAN	WI	A
NAVAJO P-1 (MCELMO R-15)	04-41S-25E	43-037-16149	99990	INDIAN	WI	A
NAVAJO P-6 (MCELMO T-13)	04-41S-25E	43-037-16378	99990	INDIAN	WI	A
NAVAJO P-5 (MCELMO T-15)	04-41S-25E	43-037-16379	99990	INDIAN	WI	A
NAVAJO 11-5 (MCELMO N-13)	05-41S-25E	43-037-15966	99990	INDIAN	WI	A
NAVAJO C-3 (MCELMO O-16)	05-41S-25E	43-037-15969	99990	INDIAN	WI	A
NAVAJO C-8 (MCELMO P-15)	05-41S-25E	43-037-15972	99990	INDIAN	WI	A
NAVAJO C 42-5 (MCELMO Q-14)	05-41S-25E	43-037-15974	99990	INDIAN	WI	A
NAVAJO C-5 (MCELMO Q-16)	05-41S-25E	43-037-15975	99990	INDIAN	WI	A
NAVAJO C-6 (MCELMO N-15)	05-41S-25E	43-037-16363	99990	INDIAN	WI	A
NAVAJO C 22-5 (MCELMO O-14)	05-41S-25E	43-037-16365	99990	INDIAN	WI	A
NAVAJO C-31-5 (MCELMO P-13)	05-41S-25E	43-037-16368	99990	INDIAN	WI	A
NAVAJO C 13-6 (MCELMO J-15)	06-41S-25E	43-037-15954	99990	INDIAN	WI	A
NAVAJO C 22-6 (MCELMO K-14)	06-41S-25E	43-037-15956	99990	INDIAN	WI	A
MCELMO CR K-16	06-41S-25E	43-037-15957	5980	INDIAN	WI	A
NAVAJO C 31-6 (MCELMO L-13)	06-41S-25E	43-037-15959	99990	INDIAN	WI	A
NAVAJO 33-6 (MCELMO L-15)	06-41S-25E	43-037-15960	99990	INDIAN	WI	A

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 06/29/2001
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 06/29/2001
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 04/09/2002
4. Is the new operator registered in the State of Utah: YES Business Number: 579865-0143
5. If **NO**, the operator was contacted on: N/A

6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BIA-06/01/01

7. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 06/01/2001

8. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

9. **Underground Injection Control ("UIC")**

The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 04/16/2002

NOTE: EPA ISSUES UIC PERMITS

DATA ENTRY:

1. Changes entered in the Oil and Gas Database on: 04/16/2002
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 04/16/2002
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: N/A

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: N/A

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 80273197

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

COMMENTS:

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

1. DJJ

2. CDW

X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

6/1/2006

FROM: (Old Operator):

N1855-ExxonMobil Oil Corporation
 PO Box 4358
 Houston, TX 77210-4358

Phone: 1 (281) 654-1936

TO: (New Operator):

N2700-Resolute Natural Resources Company
 1675 Broadway, Suite 1950
 Denver, CO 80202

Phone: 1 (303) 534-4600

CA No.

Unit:

MC ELMO (UIC)

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 4/21/2006
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/24/2006
3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/7/2006
4. Is the new operator registered in the State of Utah: YES Business Number: 5733505-0143
5. If **NO**, the operator was contacted on:
- 6a. (R649-9-2)Waste Management Plan has been received on: requested
- 6b. Inspections of LA PA state/fee well sites complete on: n/a
- 6c. Reports current for Production/Disposition & Sundries on: ok
7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM n/a BIA not yet
8. **Federal and Indian Units:**
 The BLM or BIA has approved the successor of unit operator for wells listed on: not yet
9. **Federal and Indian Communization Agreements ("CA"):**
 The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 6/12/2006

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 6/22/2006
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 6/22/2006
3. Bond information entered in RBDMS on: n/a
4. Fee/State wells attached to bond in RBDMS on: n/a
5. Injection Projects to new operator in RBDMS on: 6/22/2006
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: n/a
2. Indian well(s) covered by Bond Number: PA002769
3. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number n/a
- a. The **FORMER** operator has requested a release of liability from their bond on: n/a
 The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

4. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

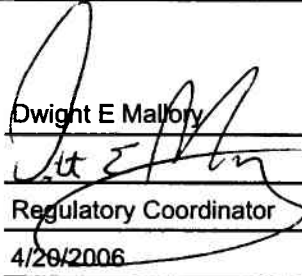
Well Name and Number See attached list	API Number Attached
Location of Well Footage : See attached list County : San Juan QQ, Section, Township, Range: State : UTAH	Field or Unit Name McElmo Creek Unit Lease Designation and Number See attached list

EFFECTIVE DATE OF TRANSFER: 6/1/2006

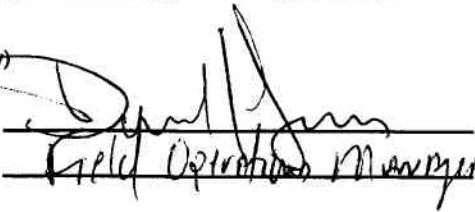
CURRENT OPERATOR

Company: Exxon Mobil Oil Corporation Name: _____
Address: PO Box 4358 Signature: _____
city Houston state TX zip 77210-4358 Title: _____
Phone: (281) 654-1936 Date: _____
Comments: Exxon Mobil has submitted a separate, signed copy of UIC Form 5

NEW OPERATOR

Company: Resolute Natural Resources Company Name: Dwight E Mallory
Address: 1675 Broadway, Suite 1950 Signature: 
city Denver state CO zip 80202 Title: Regulatory Coordinator
Phone: (303) 534-4600 Date: 4/26/2006
Comments: A list of affected UIC wells is attached.
New bond numbers for these wells are:
BIA Bond # PA002769 and US EPA Bond # B001252

(This space for State use only)

Transfer approved by: 
Title: Field Operations Manager

Approval Date: 6/12/06

Comments:

RECEIVED
APR 24 2006
DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

See attached list

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Navajo Tribe

7. UNIT or CA AGREEMENT NAME:

McElmo Creek Unit

8. WELL NAME and NUMBER:

See attached list

9. API NUMBER:

Attached

10. FIELD AND POOL, OR WILDCAT:

Greater Aneth

1. TYPE OF WELL

OIL WELL ☐

GAS WELL ☐

OTHER Unit Agreement

2. NAME OF OPERATOR:

Resolute Natural Resources Company

N2700

3. ADDRESS OF OPERATOR:

1675 Broadway, Suite 1950

CITY

Denver

STATE

CO

ZIP

80202

PHONE NUMBER:

(303) 534-4600

4. LOCATION OF WELL

FOOTAGES AT SURFACE: See attached list

COUNTY: San Juan

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective June 1, 2006 Exxon Mobil Oil Corporation resigns as operator of the McElmo Creek Unit. Also effective June 1, 2006 Resolute Natural Resources Company is designated as successor operator of the McElmo Creek Unit.

A list of affected producing and water source wells is attached. A separate of affected injection wells is being submitted with UIC Form 5, Transfer of Authority to Inject.

As of the effective date, bond coverage for the affected wells will transfer to BIA Bond # PA002769.

NAME (PLEASE PRINT)

Dwight E. Mallory

TITLE

Regulatory Coordinator

SIGNATURE

DATE

4/20/2006

(This space for State use only)

APPROVED 6/22/06

Earlene Russell

Division of Oil, Gas and Mining

Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

RECEIVED

APR 24 2006

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Injection</u>		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: ExxonMobil Oil Corporation <u>N1855</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: <u>Ship Rock</u>
3. ADDRESS OF OPERATOR: P.O. Box 4358 CITY <u>Houston</u> STATE <u>TX</u> ZIP <u>77210-4358</u>		7. UNIT or CA AGREEMENT NAME: <u>UTU68930A</u>
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____		8. WELL NAME and NUMBER: <u>McElmo Creek</u>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____		9. API NUMBER: <u>attached</u>
COUNTY: <u>San Juan</u>		10. FIELD AND POOL, OR WILDCAT: <u>Aneth</u>
STATE: <u>UTAH</u>		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>6/1/2006</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

ExxonMobil Oil Corporation is transferring operatorship of Greater Aneth field, McElmo Creek lease to Resolute Natural Resources Company. All change of operator notices should be made effective as of 7:00 AM MST on June 1, 2006.

Attached please find a listing of injection wells included in the transfer.

NAME (PLEASE PRINT) <u>Laurie Kilbride</u>	TITLE <u>Permitting Supervisor</u>
SIGNATURE <u>Laurie B. Kilbride</u>	DATE <u>4/19/2006</u>

(This space for State use only)

APPROVED 6/22/06
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

RECEIVED
APR 21 2006

DIV. OF OIL, GAS & MINING

GREATER ANETH FIELD UIC WELL LIST
McElmo Creek lease, San Juan County, Utah

Reg Lease Name	Well ID	API Num	Status	Reg Lease #	Surface Location						
					Qtr 1	Qtr 2	Sec	TN	RNG	NS Foot	EW Foot
MCELMO CREEK	H11	430371635000S1	Active	14-20-0603-6145	NW	SE	36	40S	24E	1855FSL	2100FEL
MCELMO CREEK	I12	430371561900S1	Active	14-20-0603-6145	SE	SE	36	40S	24E	0595FSL	0595FEL
MCELMO CREEK	F11	430371561700S1	Shut-in	14-20-0603-6146	NW	SW	36	40S	24E	1885FSL	0820FWL
MCELMO CREEK	G12	430371561800S1	Active	14-20-0603-6146	SE	SW	36	40S	24E	1910FNL	2051FWL
MCELMO CREEK	D15	430371634100S1	Active	14-20-0603-6147	NW	SE	2	41S	24E	1830FSL	1830FEL
MCELMO CREEK	A17	430371633800S1	Active	14-20-0603-6148	NE	NE	10	41S	24E	1270FNL	0660FEL
MCELMO CREEK	C14	430371626500S1	Active	14-20-0603-6509	SE	NW	2	41S	24E	2140FNL	2140FWL
MCELMO CREEK	D13	430371626700S1	Active	14-20-0603-6510	NW	NE	2	41S	24E	0820FNL	1920FEL
MCELMO CREEK	E14	430371626800S1	Active	14-20-0603-6510	SE	NE	2	41S	24E	2050FNL	0500FEL
MCELMO CREEK	T08	430371637700S1	Shut-in	14-20-603-2048A	SW	SE	28	40S	25E	0660FSL	1980FEL
MCELMO CREEK	R09	430371614700S1	Active	14-20-603-2057	NW	NW	33	40S	25E	0500FNL	0625FWL
MCELMO CREEK	R11A	430373017900S1	Active	14-20-603-2057	NW	SW	33	40S	25E	2030FSL	0680FWL
MCELMO CREEK	R13	430371614800S1	Active	14-20-603-2057	NW	NW	4	41S	25E	0660FNL	0660FWL
MCELMO CREEK	R15	430371614900S1	Active	14-20-603-2057	NW	SW	4	41S	25E	1990FSL	0500FWL
MCELMO CREEK	S10	430371637500S1	Active	14-20-603-2057	SE	NW	33	40S	25E	1980FNL	1980FWL
MCELMO CREEK	S12	430371615000S1	Active	14-20-603-2057	SE	SW	33	40S	25E	0645FSL	2140FWL
MCELMO CREEK	S14	430371615100S1	Active	14-20-603-2057	SE	NW	4	41S	25E	2005FNL	1820FWL
MCELMO CREEK	S16	430371615200S1	Active	14-20-603-2057	SE	SW	4	41S	25E	0700FSL	1820FWL
MCELMO CREEK	T09A	430373008000S1	Active	14-20-603-2057	NW	NE	33	40S	25E	0940FNL	2035FEL
MCELMO CREEK	T13	430371637800S1	Active	14-20-603-2057	NW	NE	4	41S	25E	0500FNL	2090FEL
MCELMO CREEK	T15	430371637900S1	Active	14-20-603-2057	NW	SE	4	41S	25E	1880FSL	1890FEL
MCELMO CREEK	U10	430371638100S1	Active	14-20-603-2057	SE	NE	33	40S	25E	1980FNL	0610FSL
MCELMO CREEK	U12	430371615500S1	Active	14-20-603-2057	SE	SE	33	40S	25E	0660FSL	0805FEL
MCELMO CREEK	U14	430371615600S1	Active	14-20-603-2057	SE	NE	4	41S	25E	1980FNL	0660FEL
MCELMO CREEK	U16	430371615700S1	Active	14-20-603-2057	SE	SE	4	41S	25E	0550FSL	0745FEL
MCELMO CREEK	V13	430371638300S1	Active	14-20-603-2057	NW	NW	3	41S	25E	0660FNL	0660FWL
MCELMO CREEK	V15	430371638400S1	Active	14-20-603-2057	NW	SW	3	41S	25E	1980FSL	0560FWL
MCELMO CREEK	J17	430371549800S1	Active	14-20-603-263	NW	NW	7	41S	25E	0820FNL	0550FWL
MCELMO CREEK	J19	430371635600S1	Active	14-20-603-263	NW	SW	7	41S	25E	2056FNL	1997FWL
MCELMO CREEK	J21	430371549900S1	Active	14-20-603-263	NW	NW	18	41S	25E	0400FNL	0575FWL
MCELMO CREEK	K18	430371635700S1	Active	14-20-603-263	SE	NW	7	41S	25E	1830FNL	1808FWL
MCELMO CREEK	K20	430371550300S1	Active	14-20-603-263	SE	SW	7	41S	25E	0660FSL	1810FWL
MCELMO CREEK	K22X	430373040000S1	Active	14-20-603-263	SE	NW	18	41S	25E	2082FNL	1588FWL
MCELMO CREEK	K24	430371635800S1	Active	14-20-603-263	SE	SW	18	41S	25E	0660FSL	1801FWL
MCELMO CREEK	L17	430371636000S1	Active	14-20-603-263	NW	NE	7	41S	25E	0660FNL	1980FEL
MCELMO CREEK	L19	430371550500S1	Active	14-20-603-263	NW	SE	7	41S	25E	1860FSL	2140FEL
MCELMO CREEK	L21	430371550600S1	Active	14-20-603-263	NW	NE	18	41S	25E	0820FNL	1980FEL
MCELMO CREEK	L23	430371550700S1	Active	14-20-603-263	NW	SE	18	41S	25E	1980FSL	1980FEL
MCELMO CREEK	M18	430371551000S1	Active	14-20-603-263	SE	NE	7	41S	25E	1850FNL	0790FEL
MCELMO CREEK	M20	430371551100S1	Shut-in	14-20-603-263	SE	SE	7	41S	25E	0660FSL	0660FEL
MCELMO CREEK	N17	430371551400S1	Active	14-20-603-263	NW	NW	8	41S	25E	0810FNL	0660FWL
MCELMO CREEK	N19	430371551500S1	Active	14-20-603-263	NW	SW	8	41S	25E	1850FSL	0500FWL
MCELMO CREEK	N21	430371551600S1	Active	14-20-603-263	NW	NW	17	41S	25E	0660FNL	0660FWL
MCELMO CREEK	O18	430371551700S1	Active	14-20-603-263	SE	NW	8	41S	25E	1830FNL	1890FWL
MCELMO CREEK	P17	430371551900S1	Active	14-20-603-263	NW	NE	8	41S	25E	0660FNL	1980FEL

GREATER ANETH FIELD UIC WELL LIST
McElmo Creek lease, San Juan County, Utah

Reg Lease Name	Well ID	API Num	Status	Reg Lease #	Surface Location						
					Qtr 1	Qtr 2	Sec	TN	RNG	NS Foot	EW Foot
MCELMO CREEK	P19	430371552000S1	Active	14-20-603-263	NW	SE	8	41S	25E	2140FSL	1980FEL
MCELMO CREEK	P21	430371636900S1	Active	14-20-603-263	NW	NE	17	41S	25E	0660FNL	1980FEL
MCELMO CREEK	P23A	430373143900S1	Active	14-20-603-263	SW	NE	17	41S	25E	2531FNL	2325FEL
MCELMO CREEK	L25	430371550800S1	Active	14-20-603-264	NW	NE	19	41S	25E	0660FNL	1980FEL
MCELMO CREEK	R17	430371597600S1	Active	14-20-603-359	NW	NW	9	41S	25E	0740FNL	0560FWL
MCELMO CREEK	R19	430371637300S1	Active	14-20-603-359	NW	SW	9	41S	25E	1980FSL	0660FWL
MCELMO CREEK	R21	430371637400S1	Active	14-20-603-359	NW	NW	16	41S	25E	0511FNL	0562FWL
MCELMO CREEK	T17	430371638000S1	Active	14-20-603-359	NW	NE	9	41S	25E	0675FNL	1933FEL
MCELMO CREEK	E21	430371634300S1	Active	14-20-603-370	NE	NE	14	41S	24E	0660FNL	0660FEL
MCELMO CREEK	E23	430371634400S1	Active	14-20-603-370	NE	SE	14	41S	24E	2031FSL	0711FEL
MCELMO CREEK	G21A	430373097400S1	Active	14-20-603-370	NE	NW	13	41S	24E	0867FNL	1883FWL
MCELMO CREEK	G23	430371634800S1	Shut-in	14-20-603-370	NE	SW	13	41S	24E	2092FSL	1899FWL
MCELMO CREEK	G25	430371634900S1	Active	14-20-603-370	NE	NW	24	41S	24E	0660FNL	1980FWL
MCELMO CREEK	I23	430371635200S1	Active	14-20-603-370	NE	SE	13	41S	24E	1980FSL	0660FEL
MCELMO CREEK	I25	430371635300S1	Active	14-20-603-370	NE	NE	24	41S	24E	0530FNL	0820FEL
MCELMO CREEK	J11	430371635400S1	TA'd	14-20-603-372	NW	SW	31	40S	25E	1980FSL	0660FWL
MCELMO CREEK	J13	430371635500S1	Active	14-20-603-372	NW	NW	6	41S	25E	0621FNL	0580FWL
MCELMO CREEK	J15	430371595400S1	Active	14-20-603-372	NW	SW	6	41S	25E	1980FSL	0500FWL
MCELMO CREEK	K12	430371595500S1	Active	14-20-603-372	SW	SW	31	40S	25E	0670FSL	1970FWL
MCELMO CREEK	K14	430371595600S1	Active	14-20-603-372	SE	NW	6	41S	25E	1851FNL	1885FWL
MCELMO CREEK	K16	430371595700S1	Active	14-20-603-372	SE	SW	6	41S	25E	0660FSL	1816FWL
MCELMO CREEK	L09	430371635900S1	Active	14-20-603-372	NW	NE	31	40S	25E	0660FNL	1980FEL
MCELMO CREEK	L13	430371595900S1	Active	14-20-603-372	NW	NE	6	41S	25E	0778FNL	1917FEL
MCELMO CREEK	L15	430371596000S1	Active	14-20-603-372	NW	SE	6	41S	25E	1820FSL	1830FEL
MCELMO CREEK	M10	430371596100S1	Shut-in	14-20-603-372	SE	NE	31	40S	25E	1980FNL	0530FEL
MCELMO CREEK	M12	430371596200S1	Active	14-20-603-372	SE	SE	31	40S	25E	0590FSL	0585FEL
MCELMO CREEK	M14	430371596300S1	Active	14-20-603-372	SE	NE	6	41S	25E	2089FNL	0773FEL
MCELMO CREEK	M16	430371636100S1	Active	14-20-603-372	SE	SE	6	41S	25E	0660FSL	0660FEL
MCELMO CREEK	N09	430371596400S1	Shut-in	14-20-603-372	NW	NW	32	40S	25E	0628FNL	0615FWL
MCELMO CREEK	N11	430371596500S1	Active	14-20-603-372	NW	SW	32	40S	25E	2069FSL	0618FWL
MCELMO CREEK	N13	430371596600S1	Active	14-20-603-372	NW	NW	5	41S	25E	0840FNL	0505FWL
MCELMO CREEK	N15	430371636300S1	Active	14-20-603-372	NW	SW	5	41S	25E	2140FSL	820FWL
MCELMO CREEK	O12	430371596800S1	Active	14-20-603-372	SE	SW	32	40S	25E	0809FSL	1832FWL
MCELMO CREEK	O14	430371636500S1	Active	14-20-603-372	SE	NW	5	41S	25E	2056FNL	1997FWL
MCELMO CREEK	O16	430371596900S1	Active	14-20-603-372	SE	SW	5	41S	25E	0660FSL	1980FWL
MCELMO CREEK	P09	430371636700S1	Active	14-20-603-372	NW	NE	32	40S	25E	0598FNL	2100FEL
MCELMO CREEK	P11	430371597101S2	Active	14-20-603-372	NW	SE	32	40S	25E	2105FSL	2006FEL
MCELMO CREEK	P13	430371636800S1	Active	14-20-603-372	NW	NE	5	41S	25E	0610FNL	1796FWL
MCELMO CREEK	P15	430371597200S1	Active	14-20-603-372	NW	SE	5	41S	25E	1980FSL	1980FEL
MCELMO CREEK	Q10	430371597301S1	Active	14-20-603-372	SE	NE	32	40S	25E	1899FNL	0532FEL
MCELMO CREEK	Q16	430371597500S1	TA'd	14-20-603-372	SE	SE	5	41S	25E	0660FSL	0660FEL
MCELMO CREEK	F13	430371634500S1	Active	14-20-603-4032	NW	NW	1	41S	24E	0795FNL	0535FWL
MCELMO CREEK	F15A	430373114900S1	Active	14-20-603-4032	NW	SW	1	41S	24E	1920FSL	0624FWL
MCELMO CREEK	G14	430371614300S1	Active	14-20-603-4032	SE	NW	1	41S	24E	1980FNL	1980FWL
MCELMO CREEK	G16	430371614400S1	Active	14-20-603-4032	SE	SW	1	41S	24E	0820FSL	1820FWL
MCELMO CREEK	H13	430371635100S1	Active	14-20-603-4032	NW	NE	1	41S	24E	0540FNL	2110FEL
MCELMO CREEK	I-14	430371614500S1	Active	14-20-603-4032	SE	NE	1	41S	24E	1980FNL	0660FEL

GREATER ANETH FIELD UIC WELL LIST
McElmo Creek lease, San Juan County, Utah

Reg Lease Name	Well ID	API Num	Status	Reg Lease #	Surface Location							
					Qtr 1	Qtr 2	Sec	TN	RNG	NS Foot	EW Foot	
MCELMO CREEK	F17	430371549300S1	Active	14-20-603-4039	NW	NW	12	41S	24E	0740FNL	0500FWL	
MCELMO CREEK	G18	430371549400S1	Active	14-20-603-4039	SE	NW	12	41S	24E	1980FNL	1980FWL	
MCELMO CREEK	H15	430371549500S1	Active	14-20-603-4039	NW	SE	1	41S	24E	1980FSL	1980FEL	
MCELMO CREEK	H17	430371549600S1	Active	14-20-603-4039	NE	NW	12	41S	24E	0660FNL	1980FEL	
MCELMO CREEK	I18	430371570900S1	Active	14-20-603-4495	SE	NE	12	41S	24E	1840FNL	0555FEL	
MCELMO CREEK	E19	430371634200S1	Shut-in	14-20-603-5449	NE	SE	11	41S	24E	1980FSL	0660FEL	
MCELMO CREEK	G19	430371634600S1	Active	14-20-603-5450	NE	SW	12	41S	24E	1350FSL	1800FWL	
MCELMO CREEK	I20	430371571000S1	Active	14-20-603-5451	SE	SE	12	41S	24E	0990FSL	0500FEL	
MCELMO CREEK	N07	430371636200S1	Active	I-149-IND-8839	NE	SW	29	40S	25E	2083FSL	745FWL	
MCELMO CREEK	P07	430371636600S1	Active	I-149-IND-8839	NW	SE	29	40S	25E	1820FSL	2140FEL	
MCELMO CREEK	O10	430371596700S1	Active	NOG99041325	SE	NW	32	40S	25E	2086FNL	1944FWL	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-603-372			
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NAVAJO			
2. NAME OF OPERATOR: RESOLUTE NATURAL RESOURCES		7. UNIT or CA AGREEMENT NAME: MCELMO CREEK			
3. ADDRESS OF OPERATOR: 1675 Boradway Ste 1950 , Denver, CO, 80202		8. WELL NAME and NUMBER: NAVAJO C 22-5 (MCELMO O-14)			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2056 FNL 1997 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 05 Township: 41.0S Range: 25.0E Meridian: S		9. API NUMBER: 43037163650000			
9. FIELD and POOL or WILDCAT: GREATER ANETH		COUNTY: SAN JUAN			
STATE: UTAH					
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION <input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 5/29/2014 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	TYPE OF ACTION <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text" value="UIC Repair"/> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text" value="UIC Repair"/>
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text" value="UIC Repair"/>			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Resolute Natural Resources respectfully submits this sundry as notice of UIC repair. Attached are the procedure and schematic					
		Accepted by the Utah Division of Oil, Gas and Mining June 05, 2014 Date: _____ By: <u>Dark Ount</u>			
NAME (PLEASE PRINT) Erin Joseph		PHONE NUMBER 303 573-4886			
SIGNATURE N/A		TITLE Sr. Regulatory Analyst			
		DATE 5/28/2014			

RESOLUTE

NATURAL RESOURCES

MCU O-14 Injector - UIC Repair

Procedure

1. MIRU WSU, LOTO. **MetalSkin Patches w/4.369" ID at 1500-1575' & 5362-5490'**
2. Establish KWF & kill well as necessary.
3. ND WH, NU BOPE. PT BOP against landing donut.
4. J-off packer & on/off tool, circulate KWF.
5. POOH, standing back & inspecting 2-3/8" TK Fiberline tbg; tubing was run 5-5-2011. Call Bill Albert or Virgil Holly for inspection.
6. PU workstring, TIH to recover the 5-1/2" AS-1X packer set at 5465.9' KB (set 4-26-2011).
7. Unseat packer, rekill well as required, POOH & LD packer.
8. Make bit run & CO to PBD at 5710' KB. Fill may be as high as 5615' per WL tag 7/12/11.
9. RIH w/5-1/2" treating pkr w/bypass & tailpipe, set pkr at ~5460' KB (in lower MetalSkin) with TP to ~5690' KB for acid stimulation w/ 3000 gal inhibited 20% HCl.
10. PT casing, packer & MetalSkins to 1000 psi/30 min. Bleed off pressure.
11. Open bypass & circ acid past EOT & up to 5556' top perf ; close bypass & put 750 psi on backside.
12. Pump acid away at max rate possible, staying under 3500 psi TP. Monitor backside P.
13. Overdisplace EOT with 20 bbls fresh water. Record ISIP, 5, 10, & 15 min SIP's.
14. Re-kill the well with brine & POOH w/treating packer & TP.
15. Set new 5-1/2 AS-1X packer w/1.50 F plug in place at ~ 5460' KB (in lower MetalSkin).
16. Re-run tubing or run new 2-3/8" BB401 injection tubing pending inspection in step 5.
17. Circulate packer fluid, jay onto packer, space out & land tubing.
18. Perform mock MIT after landing tbg.
19. ND BOP, NU WH.
20. MIRU slickline unit. Test lubricator to 2500 psi.
21. RIH gauge ring, shear plug, and retrieve 1.50 plug. RDMO slickline unit.
22. RD WSU. Backflow tubing ~50 bbls minimum & backflow the lateral line ~200 bbls or until clean.
23. Schedule witnessed MIT w/NNEPA.
24. Notify Pierce Benally (435) 619-7234 that well is ready for lateral line re-connect & return to injection.

McELMO CREEK UNIT # O-14

GREATER ANETH FIELD

2056' FNL & 1997' FWL

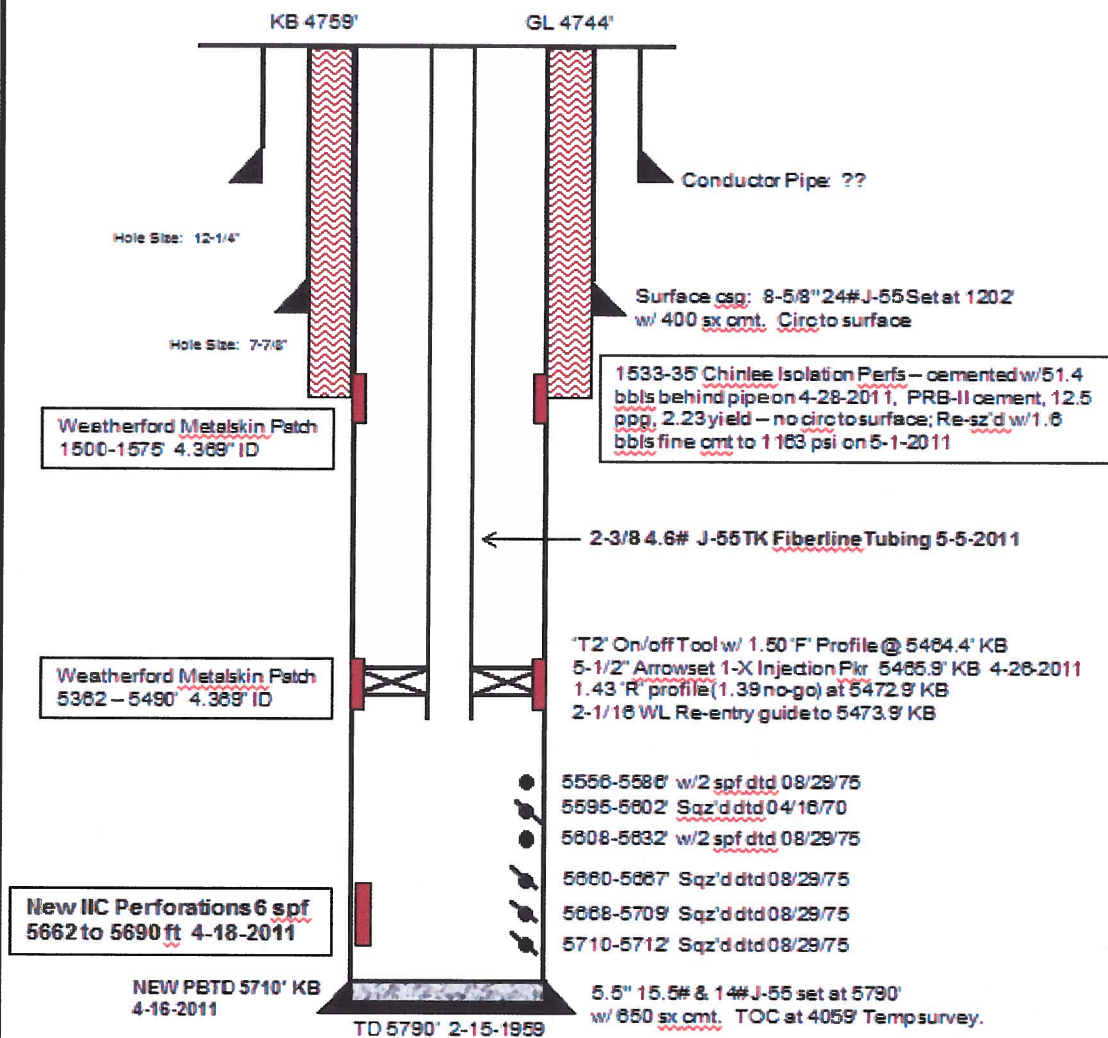
SEC 5-T41S-R25E

SAN JUAN COUNTY, UTAH

API 43-037-16365

PRISM 0000343

INJECTOR



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
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2. NAME OF OPERATOR: RESOLUTE NATURAL RESOURCES		7. UNIT or CA AGREEMENT NAME: MCELMO CREEK			
3. ADDRESS OF OPERATOR: 1700 Lincoln Street, Suite 2800, Denver, CO, 80203 4535		8. WELL NAME and NUMBER: NAVAJO C 22-5 (MCELMO O-14)			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2056 FNL 1997 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 05 Township: 41.0S Range: 25.0E Meridian: S		9. API NUMBER: 43037163650000			
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11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION	TYPE OF ACTION				
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Resolute Natural Resources respectfully submits this sundry as notice of a casing repair and UIC repair on the above well. Email approval was received from Bill Freeman. Attached are the procedures and schematics.					
Accepted by the Utah Division of Oil, Gas and Mining August 28, 2014 Date: _____ By: <u>Derek Quist</u>					
NAME (PLEASE PRINT) Erin Joseph	PHONE NUMBER 303 573-4886	TITLE Sr. Regulatory Analyst			
SIGNATURE N/A	DATE 8/28/2014				

Repair Casing & Complete UIC Repairs
McElmo Creek Unit O-14
2056' FNL & 1997' FWL
Sec 5, T41S, R25E
San Juan County, Utah
API 43-037-16365
PRISM 0000343

Job Scope – Repair 8-5/8” surface casing, replace the top ~130’ of 5-1/2” production casing, and complete UIC repairs for this injection well.

Casing Repair Procedure (Sundry – Notice of Intent)

1. This procedure begins from the point of discovering communication between the 5-1/2” production casing and the 8-5/8” surface casing.
2. Kill well, set 1.50 plug in ‘F’ profile at 5464.4’ KB & pull 2-3/8” injection tubing.
3. Set RBP at 1468’ above top MetalSkin liner at 1500-1575’.
4. RU electric line & run casing inspection log from RBP to surface.
5. RIH with test packer on work string and locate the 5-1/2” leak.
6. Dig down around wellhead & locate the 8-5/8” leak.
7. Set an additional RBP at ~300’ for an added barrier.
8. Repair or completely replace the upper 8-5/8” casing to below the 8-5/8” leak. Re-install casing head flange, NU & test 11” BOPE.
9. Cut and pull 5-1/2” casing from ~130’ KB.
10. Run back new 5-1/2” 15.5# casing with packoff overshot & sting onto casing stub at ~130’.
11. Pick up and land 5-1/2” casing in tension. Pressure test 5-1/2” casing above RBP at 300’ to 1000 psi & chart the results.

12. Retrieve the RBP at 300' and re-pressure test above the RBP at 1468'; chart the results.
13. Retrieve the RBP at 1468' and re-pressure test above injection packer with plug at 5465.9'; chart the results.
14. Proceed with UIC repair per original procedure, including cleanout to PBD, acid stimulation, and re-installation of injection packer and injection tubing.
15. Clean up well location & RDMO.

Wellbore Diagrams –

- a. Existing Wellbore Diagram – Attachment No. 1
- b. Proposed Wellbore Diagram – Attachment No. 2

McELMO CREEK UNIT # O-14

GREATER ANETH FIELD

2056' FNL & 1997' FWL

SEC 5-T41S-R25E

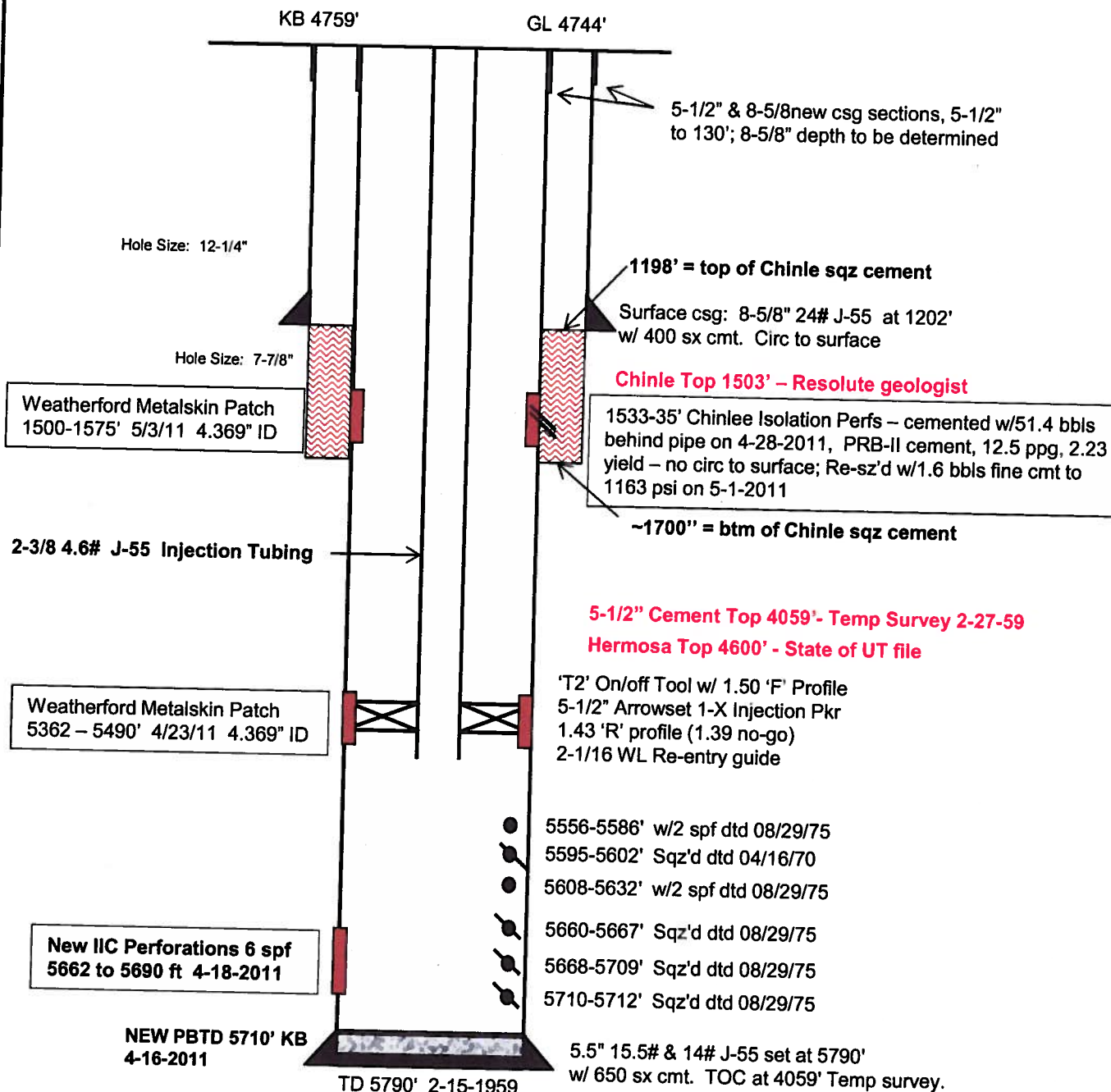
SAN JUAN COUNTY, UTAH

API 43-037-16365

PRISM 0000343

INJECTOR

Proposed Wellbore – Att 2



McELMO CREEK UNIT # O-14

GREATER ANETH FIELD

2056' FNL & 1997' FWL

SEC 5-T41S-R25E

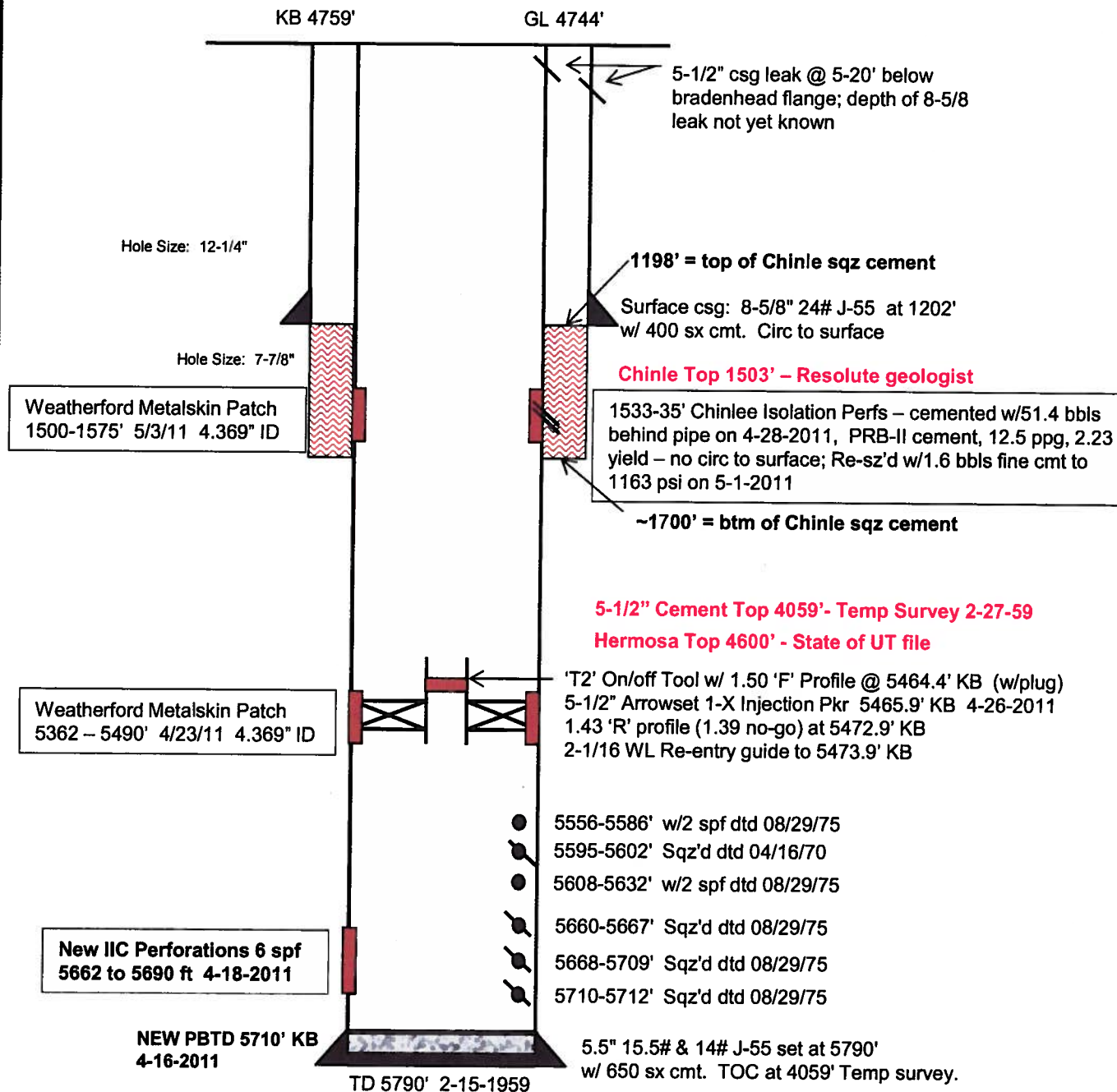
SAN JUAN COUNTY, UTAH

API 43-037-16365

PRISM 0000343

INJECTOR

Existing Wellbore – Att 1



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-603-372
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NAVAJO
2. NAME OF OPERATOR: RESOLUTE NATURAL RESOURCES		7. UNIT or CA AGREEMENT NAME: MCELMO CREEK
3. ADDRESS OF OPERATOR: 1700 Lincoln Street, Suite 2800 , Denver, CO, 80203 4535		8. WELL NAME and NUMBER: NAVAJO C 22-5 (MCELMO O-14)
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2056 FNL 1997 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 05 Township: 41.0S Range: 25.0E Meridian: S		9. API NUMBER: 43037163650000
PHONE NUMBER: 303 534-4600 Ext		9. FIELD and POOL or WILDCAT: GREATER ANETH
COUNTY: SAN JUAN		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Resolute Natural Resources respectfully submits this sundry as notice that the UIC Repair and Surface Casing repair has been completed on the above well. Attached are the Activity Summary and Schematic.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY September 25, 2014		
NAME (PLEASE PRINT) Erin Joseph	PHONE NUMBER 303 573-4886	TITLE Sr. Regulatory Analyst
SIGNATURE N/A	DATE 9/23/2014	

Activity Summary 8/22/14 – 9/19/14: McElmo Creek Unit Injector O-14 UIC Repair, Production & Surface Casing Repair

NOTE: This work was initiated as a result of a failed NNEPA witnessed Three Year MIT on 5-16-2014. During the attempted MIT, the production casing annulus would not pressure up beyond about 200 psi. When the workover rig began operations, it quickly became apparent that both the 5-1/2" production casing and 8-5/8 surface casing were leaking.

Rigged up Well Service Unit. Wireline ran Ran 1.50 'F' profile plug & set at 5445'. Well dead. ND tree, NU BOP's & test at low & high pressure – good test. Pulled tbg hanger & jayed off injection packer at on/off tool (5464' KB). LD tubing hanger. Started to circulate 10 ppg brine, began to get returns in the cellar from the outside of the 8-5/8 surface csg. Stopped pumping & dug down around wellhead to about 3' depth, fluid is coming from below this depth. Circulated well w/12 ppg mud from ~5464' to surface. POOH & LD 2-3/8" injection tubing. RIH & set 5-1/2" RBP at 1468'. RU electric line & ran casing inspection log from 1458' back to surface. No obvious holes in 5-1/2" casing from the log.

This well is listed on the Horsley-Witten study list for Chinle remediation, and was cement squeezed through perforations 1533-35' on 4-2-2011 and 5-1-2011 with a total of 53 bbls of cement. No circulation to surface was observed. The Chinle top is at 1503'. A cement bond log run on 4-30-2011 shows the top of squeezed cement at 1198' and bottom of cement at approximately 1700'. The Hermosa top is at 4600' per State of Utah well file, and the top of cement for the 5-1/2" casing is at 4059' from a 1959 temperature survey.

Ran test packer to isolate casing leak(s). The 5-1/2" leak was narrowed down to an area 5' to 20' below ground level; the remainder of the 5-1/2 tested OK at 1100 psi below the 20' depth.

Resolute notified Bill Freeman, NNEPA, of the findings to this point and proposed a repair plan including excavation around the well, a weld-on-patch repair of the 8-5/8 if casing condition allows, and cut, pull, and replacement of 5-1/2" casing below any leaks encountered, possibly as deep as 130'. We provided the 4-30-2011 CBL log section, and 8-26-2014 casing inspection log also. On 8-27-2014 Bill Freeman e-mailed us with approval of the repair plan and asked to be kept informed of further developments.

Ran & set RBP at 370' (third barrier) in 5-1/2' csg and placed 3 sx sand on top. LD workstring. Removed tbg head, PU spear & speared 5-1/2 csg, PU & worked free, removed csg slips. Slacked off csg, released & LD spear. RD & moved WSU back away from well for excavation. Dug down around well casing with a backhoe until sandstone was encountered at about 8' depth below ground level. Brought in a hammerhoe & continued down. Found severe corrosion on 8-5/8 surface casing at ~18' below ground level, wall thickness paper thin when present at all. Removed 8-5/8 remnants to this depth; also cut off 5-1/2" casing about 15' below ground level -had four external corrosion holes just above this depth - and welded on new section. Installed new 8-5/8 casing, not connected to the old corroded section below. New 8-5/8 slipped down over the 5-1/2 as follows: Ran 24" diameter x 1.5" thick plate on

bottom of new 8-5/8 pipe, with hole cut in the center of the plate and 8" long guide below the plate to stab into the drilled hole in the sandstone, around the 5-1/2 casing. Braced the 8-5/8 casing with equal spaced 2" braces 120 degrees apart back to the sandstone walls of the excavation, and leveled off the dirt at the bottom of the hole up to the edges of the 24" diameter plate. Poured 10 cubic yards of Redi-Mix concrete mixed w/non-chloride accelerator into the hole around the 8-5/8 and up over the three lateral braces. Depth of cement estimated at 7 to 8 ft x avg of 8' across. WOC overnight.

Welded on 8-5/8 extension back to ground level, backfilled the excavation, prepared both casing stubs & welded on casing head, landed 5-1/2 in slips, tested void to 2000 psi – good test; move WSU back over the well, pressure tested 5-1/2" csg to 370' RBP to 1100 psi – failed immediately, twice. ND B-1 flange, PU & pulled 5-1/2 slips. RU electric line, PU on 5-1/2 csg & ran free point to confirm csg is free down to intended cut depth at ~130'. Cut 5-1/2 csg at 135' KB. Ran 4-3/4" swage inside 5-1/2 casing to 150' – no drag; POOH. Speared 5-1/2 casing & pulled loose at 18K over; pulled & LD 120' of old 5-1/2" casing – found pinhole leak just below the welded on new section. Ran back 126.5' of new 5-1/2" 15.5# J-55 casing on Logan packoff overshot (5-3/4" ID x 6-11/16" OD x 3.90' length) but unable to engage casing stub at 135'. POOH & ran 7-7/8" mill with 6-1/4" concave mill, began to drag at 100'; worked down & rotated to 135', dressed off casing stub & POOH. Ran back Logan packoff overshot & new casing, engaged stub at 135', PU 30K over to confirm hook-up. Pressure tested 5-1/2" csg down to 370' RBP at 1040 psi/15 min – good test. ND BOP, set 5-1/2" slips, cut off 5-1/2" csg, NU tubing head. Test flange to 2400 psi – good test.

RIH w/retrieving head, circulated off RBP @ 370' & retrieved same. RIH w/retrieving head & added workstring, pressure tested 5-1/2 casing to 1000 psi/30 min & chart recorded the test – good test. Circulated off RBP at 1468' & retrieved same. Ran workstring & on/off tool, circulated sand off injection packer at 5465' KB, circulated out mud with fresh water, jayed onto packer, RU Wireline & pulled 1.50 plug above packer. TP now 400 psi. Backflowed well up the workstring to prepare for acid treatment.

Put 750 psi on tbg-csg annulus & acidized w/3000 gal 20% HCl followed by 42 bbls fresh water displacement. Finished displacement at 4.4 bpm at 1489 psi; ISIP 296 psi, to 107 psi after 15 min. RU WL and reset the 1.50 plug. RD WL. POOH & LD workstring. RIH with 2-3/8" 4.6" J-55 TK Fiberline II injection tubing w/new on/off tool. Tagged AS-1X injection pkr, PU & circ 130 bbls packer fluid back to surface, sting onto pkr, landed tubing w/TC1A-EN tubing hanger. Pressure tested casing & injection packer to 1020 psi/30 min – good test. ND BOPE, NU tree, test flange to 2500 psi – good test. RU WL & pulled 1.50 plug. RD WL.

Spot in Well Check for NNEPA witnessed MIT. Pressured up casing annulus to 1005 psi & charted for 30 minutes – PASSED MIT, witnessed by Jean Bia/NNEPA.

McELMO CREEK UNIT # O-14

GREATER ANETH FIELD

2056' FNL & 1997' FWL

SEC 5-T41S-R25E

SAN JUAN COUNTY, UTAH

API 43-037-16365

PRISM 0000343

INJECTOR

Final Wellbore – Att 1

